

**DIRECT TESTIMONY OF**

**ALLEN W. ROOKS**

**ON BEHALF OF**

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**

**DOCKET NO. 2018-2-E**

**Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND CURRENT POSITION.**

A. My name is Allen W. Rooks. My business address is 220 Operation Way, Cayce, South Carolina 29033. I am Manager of Electric Pricing and Rate Administration at SCANA Services, Inc.

**Q. DESCRIBE YOUR EDUCATIONAL BACKGROUND AND BUSINESS EXPERIENCE.**

A. I graduated from the University of South Carolina ("USC") in May 1995 with a Bachelor of Science Degree in Business Administration with a major in Management Science. In May 2002, I earned a Master of Business Administration Degree at USC. Since joining SCANA Corporation on a full-time basis in July 1996, I have held analytical positions within the Rates & Regulatory and Financial Planning Departments. I have participated in cost of service studies, rate development and design, financial planning and budgeting, rate surveys, responses to regulatory information requests, and rate evaluation

1 programs primarily for the Company's electric operations. I assumed my  
2 present position in April 2014. I am a member of the Southeastern Electric  
3 Exchange Rates and Regulation Section and served as Chairman of the group  
4 during the 2013 calendar year.

5  
6 **Q. PLEASE BRIEFLY SUMMARIZE YOUR DUTIES WITH SOUTH**  
7 **CAROLINA ELECTRIC & GAS COMPANY ("SCE&G" OR**  
8 **"COMPANY").**

9 A. I am responsible for designing and administering the Company's electric  
10 rates and tariffs to comply with regulatory orders and relevant state statutes.  
11 Supervising the calculation of the Electric Adjustment for Fuel, Variable  
12 Environmental & Avoided Capacity, and Distributed Energy Resource Costs is  
13 an essential part of my responsibilities.

14  
15 **Q. HAVE YOU PREVIOUSLY PRESENTED TESTIMONY BEFORE THE**  
16 **PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA**  
17 **("COMMISSION")?**

18 A. Yes, I have testified in each of the Company's Fuel Cost Proceedings  
19 since 2008. I have also presented testimony on behalf of the Company in two  
20 proceedings related to implementing the requirements of the Distributed Energy  
21 Resource Program Act ("DERPA").

22

**Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?**

A. The purpose of my testimony is to provide and discuss:

- The Company's currently approved electric fuel cost factors;
- Actual and Projected data on Base Fuel Costs and Collection for the period January 1, 2017, through April 30, 2019;
- Actual and Projected data on Variable Environmental & Avoided Capacity Costs and Collection for the period January 1, 2017, through April 30, 2019;
- Actual and Projected data on Distributed Energy Resource ("DER") Avoided and DER Incremental Costs and Collection for the period January 1, 2017, through April 30, 2019; and
- The Company's proposed Base Fuel, Variable Environmental & Avoided Capacity, DER Avoided, DER Incremental and Total Fuel Cost Factors for retail electric customers for the period May 2018 through April 2019.

**Q. WHAT ARE THE COMPANY'S CURRENTLY APPROVED ELECTRIC FUEL COST FACTORS?**

A. On April 27, 2017, Commission Order No. 2017-246 approved Base ( $F_C$ ), Variable Environmental & Avoided Capacity ( $F_{EC}$ ), DER Avoided ( $F_{AC}$ ), and DER Incremental ( $F_{IC}$ ) fuel components and Total Fuel Cost Factors by customer class, which are summarized in the tables below:

Class	Base Fuel Cost Component (cents/kWh)	Variable Environmental & Avoided Capacity Cost Component (cents/kWh)	DERP Avoided Cost Component (cents/kWh)	Total Fuel Cost Factor (cents/kWh)
Residential	2.451	0.047	0.015	2.513
Small General Service	2.451	0.039	0.013	2.503
Medium General Service	2.451	0.033	0.011	2.495
Large General Service	2.451	0.020	0.007	2.478
Lighting	2.451	--	--	2.451

Class	DERP Incremental Cost Component (per Account per Month)
Residential	\$0.91
Small & Medium Gen. Svc.	\$3.29
Large General Service	\$100.00

### **BASE FUEL COST COMPONENT**

**Q. PLEASE BRIEFLY EXPLAIN THE TYPES OF COSTS THAT APPEAR IN THE BASE FUEL COST COMPONENT ( $F_C$ ).**

A. Base fuel costs include traditional fuel costs, such as the cost of coal, natural gas, oil, nuclear fuel, fuel transportation, and fuel costs related to purchased power that are used to supply electricity.

**Q. PLEASE PROVIDE A SUMMARY OF THE COMPANY'S ACTUAL AND PROJECTED BASE FUEL COMPONENT COSTS.**

A. Page 1 of Exhibit No. \_\_\_\_ (AWR-1) shows the actual totals for the Base Fuel Cost Component and over/under recovery of fuel revenue experienced by the Company for the months of January 2017 through December 2017, as well

1 as projections for January through April 2018. This exhibit shows the actual  
2 base fuel under-collected balance to be \$2,355,695 at December 31, 2017, and  
3 the projected over-collected balance to be \$50,536,981 at the end of April 2018.

4 Page 2 of Exhibit No. \_\_\_\_ (AWR-1) shows the Company's Base Fuel  
5 Component forecast and projected recovery calculations by month for the period  
6 May 2018 through April 2019. This page reflects the monthly and cumulative  
7 over and under projected fuel cost collection expected by the Company using  
8 the Base Fuel Component that is calculated in Exhibit No. \_\_\_\_ (AWR-2). This  
9 Base Fuel Component of 2.457 cents per kWh is projected to recover all base  
10 fuel costs in the forecast period in addition to eliminating the projected under-  
11 collected balance by the end of April 2019.

12  
13 **Q. HAVE ANY CARRYING COSTS BEEN APPLIED TO BASE FUEL**  
14 **COST BALANCES DURING THE ACTUAL PERIOD?**

15 A. Yes. For the 2017 calendar year, \$5,143 in carrying costs were applied  
16 to the Company's base fuel under-collected balance consistent with the  
17 provisions of Commission Order No. 2017-246. Specific amounts by month can  
18 be seen on Line 28 of Exhibit No. \_\_\_\_ (AWR-1), page 1.

1 **Q. WERE THERE ANY COMMISSION AUTHORIZED ADJUSTMENTS**  
2 **TO BASE FUEL COSTS DURING THE ACTUAL PERIOD?**

3 A. No. However, pursuant to the Company's February 22, 2018 letter in  
4 Docket No. 2013-382-E, and in compliance with Commission Order No. 2013-  
5 776, the Company plans to apply gains from recently settled interest rate swaps  
6 in the amount of \$113,739,272 to reduce its base fuel cost under-collection  
7 balance. This amount is reflected in Line 29 of Exhibit No. \_\_\_\_ (AWR-1), page  
8 1 of 2, in the month of February 2018.

9  
10 **DEMAND ALLOCATIONS**

11 **Q. PLEASE DISCUSS THE DEMAND ALLOCATIONS USED TO**  
12 **ALLOCATE VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY,**  
13 **AND DER COSTS PRESENTED ON EXHIBIT NOS. \_\_\_\_ (AWR-3-7, & 9).**

14 A. To allocate Variable Environmental & Avoided Capacity, DER Avoided,  
15 and DER Incremental costs to customer classes, the Company uses the same  
16 four-hour-band Coincident Peak methodology that has been approved by this  
17 Commission for over 30 years. It is also the same methodology that the  
18 Commission has approved for the allocation of SCE&G's variable  
19 environmental costs in each of its fuel cost proceedings since 2008.

20 The Company's Summer 2016 peak, which was used to allocate Variable  
21 Environmental & Avoided Capacity, and DER costs during the actual period of  
22 January 2017 through December 2017, occurred on July 28, 2016. Also shown

1 on Exhibit No. \_\_\_\_ (AWR-3) is the Summer 2017 peak, which occurred on  
2 August 18, 2017, and was used to allocate Variable Environmental & Avoided  
3 Capacity, and DER costs during the 2018 - 2019 forecast months.  
4

5 **VARIABLE ENVIRONMENTAL & AVOIDED CAPACITY COST**

6 **COMPONENT**

7 **Q. WHAT TYPES OF COSTS ARE INCLUDED IN THE VARIABLE**  
8 **ENVIRONMENTAL & AVOIDED CAPACITY COST COMPONENT**  
9 **(F<sub>EC</sub>)?**

10 A. In 2007, the General Assembly approved certain amendments to the Fuel  
11 Cost Recovery Statute (codified at S.C. Code Ann. § 58-27-865) which allowed  
12 for the recovery of certain variable environmental costs, such as ammonia, lime,  
13 limestone, urea, dibasic acid, and catalysts consumed in reducing or treating  
14 emissions as well as the cost of emission allowances for SO<sub>2</sub>, NO<sub>x</sub>, mercury,  
15 and particulates.

16 Furthermore, the Commission approved the recovery of Avoided  
17 Capacity Costs in this Component in Order No. 2015-306. These avoided  
18 capacity costs are separate and independent from the Company's avoided costs  
19 related to DER programs, which are recovered through a separate component  
20 that is discussed later in this testimony.  
21

1 **Q. PLEASE SUMMARIZE THE COMPANY'S ACTUAL AND**  
2 **PROJECTED VARIABLE ENVIRONMENTAL & AVOIDED**  
3 **CAPACITY COMPONENT COSTS.**

4 A. Exhibit No. \_\_\_\_ (AWR-4) shows the Company's actual variable  
5 environmental & avoided capacity costs, the allocation of those costs to retail  
6 customer classes, the variable environmental cost-related revenue recovered by  
7 class, and the corresponding over/under recovery by month and on a cumulative  
8 basis for the months of January 2017 through December 2017. It also details  
9 projections for this same information during the months of January 2018 through  
10 April 2018. The cumulative over-collected balances projected at April 30, 2018,  
11 are \$576,402 for the Residential rate class, \$173,724 for the Small General  
12 Service rate class, \$118,499 for the Medium General Service rate class, and  
13 \$182,477 for the Large General Service rate class.

14 Exhibit No. \_\_\_\_ (AWR-5) shows the Company's forecasted variable  
15 environmental & avoided capacity costs and the allocation of those costs to retail  
16 customer classes for the period of May 2018 through April 2019. This exhibit  
17 also details forecasted sales data by class, over/under recovery computations,  
18 and calculates the projected Variable Environmental & Avoided Capacity Cost  
19 Components per kWh for the same period. The (FEC) Components produced by  
20 these calculations are projected to recover all costs and are as follows: 0.083  
21 cents per kWh for the Residential rate class; 0.075 cents per kWh for the Small  
22 General Service rate class; 0.063 cents per kWh for the Medium General Service



1 rate class; and 0.039 cents per kWh for the Large General Service rate class.  
2 Updating these components, as shown in Exhibit No. \_\_\_\_ (AWR-5), is projected  
3 to produce a cumulative over-collected balance of \$3,930 at April 30, 2019.  
4

5 **DISTRIBUTED ENERGY RESOURCE PROGRAM (“DERP”)**

6 **COMPONENTS**

7 **Q. PLEASE BRIEFLY DISCUSS THE COSTS INCLUDED IN THESE**  
8 **COMPONENTS?**

9 A. In Docket No. 2016-2-E, the Commission approved two separate  
10 components for the recovery of costs associated with SCE&G’s approved DER  
11 programs.

12 The DERP Avoided Cost Component ( $F_{AC}$ ) includes avoided costs  
13 related to the Company’s approved Bill Credit Agreement (“BCA”), Utility  
14 Scale, and (in the forecast period) Community Solar programs. It also includes  
15 Excess Net Energy Metering (“NEM”) Avoided Cost Payments, which are made  
16 each year during the November billing month. This Component is allocated  
17 100% to retail customers based upon each class’ pro-rata share of the prior year  
18 firm peak demand and is billed on a per kWh basis.

19 The DERP Incremental Cost Component ( $F_{IC}$ ) includes incentives, labor,  
20 and other expenses associated with deploying the Company’s DER programs.  
21 This Component is also allocated 100% to retail customers based upon each  
22 class’ pro-rata share of the prior year firm peak demand and is billed on a per

1 account basis each month, to aid in demonstrating compliance with the caps set  
2 forth in S.C. Code Ann. § 58-39-150.

3 A more detailed discussion of the Company's DER programs and  
4 progress made towards implementing them is set forth in the Direct Testimony  
5 of Company witness John Raftery.

6  
7 **Q. PLEASE PROVIDE A SUMMARY OF THE COMPANY'S ACTUAL**  
8 **AND FORECASTED DER PROGRAM COSTS.**

9 A. Exhibit No. \_\_\_\_ (AWR-6) details the Company's actual DER avoided  
10 costs, the allocation of those costs to retail customer classes, the DER avoided  
11 cost-related revenue recovered by class, and the corresponding over/under  
12 recovery by month and on a cumulative basis for the months of January 2017  
13 through December 2017. It also details projections for this same information  
14 during the months of January 2018 through April 2018. The cumulative over-  
15 collected balances projected at April 30, 2018, are \$241,271 for the Residential  
16 rate class, \$59,218 for the Small General Service rate class, \$46,713 for the  
17 Medium General Service rate class, and \$132,722 for the Large General Service  
18 rate class.

19 Exhibit No. \_\_\_\_ (AWR-7) shows the Company's forecasted DER avoided  
20 costs and the allocation of those costs to retail customer classes for the period of  
21 May 2018 through April 2019. This exhibit also details forecasted sales data by  
22 class, over/under recovery computations, and calculates the projected DER

1        Avoided Cost Components per kWh for the same period. The ( $F_{AC}$ )  
2        Components produced by these calculations are projected to recover all costs  
3        and are as follows: 0.042 cents per kWh for the Residential rate class; 0.038  
4        cents per kWh for the Small General Service rate class; 0.032 cents per kWh for  
5        the Medium General Service rate class; and 0.019 cents per kWh for the Large  
6        General Service rate class. Updating these components, as shown in Exhibit No.  
7        \_\_\_\_ (AWR-7), is projected to produce a cumulative over-collected balance of  
8        \$36,633 at April 30, 2019.

9                Exhibit No. \_\_\_\_ (AWR-8) shows details of the actual and forecasted DER  
10        Incremental Costs by program and over/under revenue recovery calculations for  
11        the period of January 2017 through April 2018. Exhibit No. \_\_\_\_ (AWR-9)  
12        shows the costs allocated to classes based upon firm peak demand data and then  
13        divided by the number of accounts to arrive at the respective DER Incremental  
14        Cost Components ( $F_{IC}$ ) by class, which are: \$1.00 per account per month for the  
15        Residential rate class; \$5.37 per account per month for the Small/Medium  
16        General Service rate class; and \$100.00 per account per month for the Large  
17        General Service rate class.

**PROPOSED FUEL COST FACTORS**

**Q. DOES THE BASE FUEL COMPONENT PRESENTED ABOVE AND IN EXHIBIT NO. \_\_\_\_ (AWR-2) REPRESENT YOUR FINAL RECOMMENDATION TO THE COMMISSION?**

A. No, it does not.

**Q. PLEASE EXPLAIN THE COMPANY'S RECOMMENDED TREATMENT FOR THE BASE FUEL COMPONENT.**

A. The Fuel Cost Statute permits utilities to recover their "prudently incurred fuel costs as precisely and promptly as possible." However, for this proceeding and to mitigate rate impacts to its retail electric customers, the Company is proposing to maintain its Base Fuel Component at 2.451 cents per kWh.

Exhibit No. \_\_\_\_ (AWR-10) shows the Company's Base Fuel Component forecast and projected recovery calculations by month for May 2018 through April 2019 that would result from the Company maintaining its Base Fuel Component at its current level.

**Q. WHAT ARE THE COMPANY'S RECOMMENDATIONS FOR ITS OTHER FUEL COST COMPONENTS?**

As shown in Exhibit No. \_\_\_\_ (AWR-5), the Company is proposing in this proceeding that the Variable Environmental & Avoided Capacity Cost

1 Components be increased for the May 2018 – April 2019 time period as  
2 previously discussed.

3 The derivation and presentation of the Company's proposed DER  
4 Avoided Costs Component ( $F_{AC}$ ) increase is shown on Exhibit No. \_\_\_\_ (AWR-  
5 7).

6 The resulting Total Fuel Cost Factors per kWh from the Company's  
7 proposal, as shown on Exhibit No. \_\_\_\_ (AWR-11), are presented in the table  
8 below:

Class	Base Fuel Cost Component (cents/kWh)	Variable Environmental and Avoided Capacity Cost Component (cents/kWh)	DER Avoided Cost Component (cents/kWh)	Total Fuel Cost Factor (cents/kWh)
Residential	2.451	0.083	0.042	2.576
Small General Svc.	2.451	0.075	0.038	2.564
Medium General Svc.	2.451	0.063	0.032	2.546
Large General Svc.	2.451	0.039	0.019	2.509
Lighting	2.451	--	--	2.451

9

10 In addition to the per kWh factors shown above, the Company is also  
11 proposing to increase its DER Incremental Cost Components ( $F_{IC}$ ) per account  
12 per month to the following: \$1.00 for Residential customers and \$5.37 for  
13 Small/Medium General Service customers; the per account per month fee for  
14 Large General Service customers will remain unchanged at \$100.00 to comply  
15 with the DERP Act caps. The calculation of this component is shown on Exhibit

1 No. \_\_\_\_ (AWR-9) and all components are summarized on Exhibit No. \_\_\_\_  
2 (AWR-11).

3  
4 **Q. WHAT IMPACT WILL THE COMPANY'S SPRING 2018 PROPOSALS**  
5 **HAVE ON A RESIDENTIAL ELECTRIC CUSTOMER'S BILL?**

6 A. When combining the Company's 2018 proposals for Fuel and DSM cost  
7 recovery, the average monthly bill for residential customers using 1,000 kWh  
8 per month would increase from \$147.53 to \$147.70, principally driven by DER  
9 and variable environmental & avoided capacity costs. This \$0.17 per month  
10 impact, or 0.12%, would become effective with the first billing cycle of May  
11 2018. The impacts of each proposal on the average residential bill are as follows:

12 Fuel – The total fuel cost factor updates proposed herein would increase  
13 the average 1,000 kWh residential monthly bill by \$0.72 per month.

14 DSM – The Company's proposed DSM Rate Rider Update filed on  
15 January 31, 2018 would decrease a residential customer's bill by \$0.55 per  
16 month per 1,000 kWh of usage.

17

18 **RATE SCHEDULES**

19 **Q. PLEASE EXPLAIN EXHIBIT NO. \_\_\_\_ (AWR-12).**

20 A. The Company hereby submits for Commission approval an updated  
21 version of its fuel cost recovery tariff sheet, entitled "Adjustment for Fuel,

1 Variable Environmental & Avoided Capacity, and Distributed Energy Resource  
2 Program Costs” (“Fuel Tariff”) as Exhibit No. \_\_\_\_ (AWR-12).

3  
4 **Q. PLEASE EXPLAIN EXHIBIT NOS. \_\_\_\_ (AWR-13 & 14).**

5 A. Exhibit No. \_\_\_\_ (AWR-13) represents a redlined version of the  
6 Company’s Commission-approved rate schedule for Small Power Producers and  
7 Cogenerators that are Qualifying Facilities (“QF”) as defined by the Federal  
8 Energy Regulatory Commission (“Rate PR-1”) and that have power production  
9 capacity less than or equal to 100 kW. As set forth in the direct testimony of  
10 Company witness Dr. Lynch, SCE&G is proposing to update Rate PR-1 to  
11 reflect the Company’s current avoided costs. Exhibit No. \_\_\_\_ (AWR-14) is the  
12 version of Rate PR-1 which the Company hereby submits for approval in this  
13 Docket.

14  
15 **Q. PLEASE EXPLAIN EXHIBIT NOS. \_\_\_\_ (AWR-15 & 16).**

16 A. As set forth in the direct testimony of Company witness Dr. Lynch, the  
17 Company is proposing to update its schedule entitled “Rate PR-2 Small Power  
18 Production, Cogeneration” (“Rate PR-2”) that addresses avoided cost payments  
19 that SCE&G is required to make for power purchased from QFs greater than 100  
20 kW and less than or equal to 80 MW. Exhibit No. \_\_\_\_ (AWR-15) is a redlined  
21 version of Rate PR-2 laying out the changes proposed by Dr. Lynch and Exhibit

1 No. \_\_\_\_ (AWR-16) is the proposed tariff sheet that the Company hereby submits  
2 for approval in this Docket.

3  
4 **Q. PLEASE EXPLAIN EXHIBIT NO. \_\_\_\_ (AWR-17).**

5 A. The direct testimony of Company witness Dr. Lynch enumerates the  
6 current component values for the Net Energy Metering DER Methodology  
7 approved in Docket No. 2014-246-E. Exhibit No. \_\_\_\_ (AWR-17) shows that the  
8 Company's current "Rider to Retail Rates – Net Energy Metering for Renewable  
9 Energy Facilities" ("NEM Rider") "Total Value of NEM Distributed Energy  
10 Resource" as described in Commission Order No. 2015-194 has been updated  
11 on page 3, paragraph 3, under "General Provisions" of the Rider. Exhibit No.  
12 \_\_\_\_ (AWR-17) is the NEM Rider which the Company hereby submits for  
13 approval in this Docket.

14  
15 **CONCLUSION**

16 **Q. WHAT REQUESTS DOES THE COMPANY MAKE OF THE**  
17 **COMMISSION IN THIS PROCEEDING?**

18 A. SCE&G respectfully requests that the Commission approve the tariff  
19 sheet entitled Adjustment for Fuel, Variable Environmental & Avoided  
20 Capacity, and Distributed Energy Resource Costs which is submitted as Exhibit  
21 No. \_\_\_\_ (AWR-12), as well as the Base Fuel Component ( $F_C$ ), Variable  
22 Environmental & Avoided Capacity Cost Component ( $F_{EC}$ ), DER Avoided Cost



1       Component ( $F_{AC}$ ), DER Incremental Costs Component ( $F_{IC}$ ), and Total Fuel  
2       Rates shown therein. The Company also requests that these factors be effective  
3       for all retail electric customer classes for bills rendered on and after the first  
4       billing cycle of May 2018 and continuing through the billing month of April  
5       2019.

6               Further, the Company respectfully requests that the Commission approve  
7       the tariff sheets attached as Exhibit Nos. \_\_\_\_ (AWR-14, 16, and 17) for updates  
8       to its Rate PR-1, Rate PR-2, and NEM Rider respectively.

9               Finally, the Company respectfully requests that the Commission issue an  
10      order finding that during the review period SCE&G's fuel purchasing practices,  
11      plant operations, and fuel inventory management were reasonable and prudent.

12

13   **Q.     DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

14   **A.             Yes.**

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF BASE FUEL COSTS**  
**JANUARY 2017 - APRIL 2018**

	Actual							
	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017
1. Fossil Fuel Costs	\$ 33,387,825	\$ 26,957,915	\$ 26,674,248	\$ 38,482,326	\$ 41,284,243	\$ 39,194,734	\$ 42,226,816	\$ 42,601,292
2. Nuclear Fuel Costs	\$ 4,807,430	\$ 4,342,125	\$ 4,733,869	\$ 1,006,734	\$ -	\$ 3,987,853	\$ 4,466,748	\$ 4,087,522
3. Fuel Costs in Purchased Power and Interchange Received	\$ 14,226,443	\$ 10,551,690	\$ 13,712,124	\$ 14,326,240	\$ 21,233,432	\$ 14,271,323	\$ 16,775,168	\$ 16,779,408
4. Less: Fuel Costs in Intersystem Sales	\$ 471	\$ 869	\$ 369	\$ 4,160	\$ 77	\$ 36,649	\$ 9,127	\$ 101
5. Total Fuel Costs (Lines 1+2+3-4)	\$ 52,421,227	\$ 41,850,861	\$ 45,119,872	\$ 53,811,140	\$ 62,517,598	\$ 57,417,261	\$ 63,459,405	\$ 63,468,121
6. Total System Sales Excluding Intersystem Sales (kWh)	1,901,337,747	1,600,031,452	1,698,465,415	1,614,992,596	1,878,095,181	2,122,686,180	2,201,944,920	2,311,829,540
7. Total Fuel Cost Per kWh Sales	\$ 0.027571	\$ 0.026156	\$ 0.026565	\$ 0.033320	\$ 0.033288	\$ 0.027049	\$ 0.028820	\$ 0.027454
8. Less Base Fuel Cost Per kWh Included in Rates	\$ 0.02445	\$ 0.02445	\$ 0.02445	\$ 0.02445	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451
9. Fuel Adjustment Per kWh	\$ 0.00312	\$ 0.00171	\$ 0.00212	\$ 0.00887	\$ 0.00878	\$ 0.00254	\$ 0.00431	\$ 0.00294
10. Retail kWh Sales	1,823,334,783	1,533,662,952	1,622,730,287	1,541,510,584	1,798,436,550	2,034,006,200	2,106,803,711	2,216,642,073
11. Over / Under Recovery Revenue	\$ 5,688,805	\$ 2,622,564	\$ 3,440,188	\$ 13,673,199	\$ 15,790,273	\$ 5,166,376	\$ 9,080,324	\$ 6,516,928
12. Carrying Costs <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13. Fixed Capacity Charges & Adjustments	\$ (1,584,274)	\$ (1,584,274)	\$ (1,767,461)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)
14. Unbilled Fuel Cost Recovery Adjustment	\$ 1,993,181	\$ 1,973,209	\$ (962,691)	\$ (2,334,684)	\$ (1,305,239)	\$ 822,456	\$ (3,512,465)	\$ (145,308)
15. Net Over / Under Recovery Revenue	\$ 6,097,712	\$ 3,011,499	\$ 710,036	\$ 9,754,241	\$ 12,900,760	\$ 4,404,558	\$ 3,983,585	\$ 4,787,346
16. Cumulative (Over) Under Balance	\$ (52,599,284)	\$ (46,501,572)	\$ (43,490,073)	\$ (33,025,796)	\$ (20,125,036)	\$ (15,720,478)	\$ (11,736,893)	\$ (6,949,547)

  

	Actual				Forecast			
	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
17. Fossil Fuel Costs	\$ 42,468,224	\$ 34,554,778	\$ 32,605,005	\$ 41,572,354	\$ 60,977,348	\$ 34,560,000	\$ 30,433,000	\$ 27,776,000
18. Nuclear Fuel Costs	\$ 3,310,947	\$ 4,622,449	\$ 4,064,788	\$ 4,643,682	\$ 4,643,411	\$ 4,267,000	\$ 4,727,000	\$ 4,570,000
19. Fuel Costs in Purchased Power and Interchange Received	\$ 8,073,707	\$ 7,725,328	\$ 6,829,627	\$ 7,388,679	\$ 45,127,272	\$ 11,955,000	\$ 10,925,000	\$ 13,081,000
20. Less: Fuel Costs in Intersystem Sales	\$ -	\$ 261	\$ 23,230	\$ 3,094	\$ 22,375	\$ 97,000	\$ 182,000	\$ 91,000
21. Total Fuel Costs (Lines 1+2+3-4)	\$ 53,852,878	\$ 46,902,294	\$ 43,476,190	\$ 53,601,621	\$ 110,725,656	\$ 50,885,000	\$ 45,903,000	\$ 45,336,000
22. Total System Sales Excluding Intersystem Sales (kWh)	2,086,471,117	1,934,431,766	1,617,299,848	1,782,086,169	2,258,859,940	1,918,300,000	1,770,700,000	1,690,000,000
23. Total Fuel Cost Per kWh Sales	\$ 0.025811	\$ 0.024246	\$ 0.026882	\$ 0.030078	\$ 0.049018	\$ 0.026422	\$ 0.025924	\$ 0.026826
24. Less Base Fuel Cost Per kWh Included in Rates	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451
25. Fuel Adjustment Per kWh	\$ 0.00130	\$ (0.00026)	\$ 0.00237	\$ 0.00557	\$ 0.02451	\$ 0.00191	\$ 0.00141	\$ 0.00232
26. Retail kWh Sales	2,006,603,487	1,858,690,434	1,545,928,603	1,701,457,688	2,164,675,444	1,844,100,000	1,698,300,000	1,622,900,000
27. Over / Under Recovery Revenue	\$ 2,608,585	\$ (483,260)	\$ 3,663,851	\$ 9,477,119	\$ 53,056,195	\$ 3,522,231	\$ 2,394,603	\$ 3,765,128
28. Carrying Costs <sup>1</sup>	\$ -	\$ -	\$ -	\$ 5,143	\$ 134,173	\$ -	\$ -	\$ -
29. Fixed Capacity Charges & Adjustments <sup>2</sup>	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,172,890)	\$ (115,323,546)	\$ (1,584,274)	\$ (1,584,274)
30. Unbilled Fuel Cost Recovery Adjustment	\$ 3,230,700	\$ 1,857,123	\$ (1,808,724)	\$ (2,908,199)	\$ 592,492	\$ 4,581,295	\$ 884,202	\$ (2,158,011)
31. Net Over / Under Recovery Revenue	\$ 4,255,011	\$ (210,411)	\$ 270,853	\$ 4,989,789	\$ 52,609,970	\$ (107,220,020)	\$ 1,694,531	\$ 22,843
32. Cumulative (Over) Under Balance	\$ (2,694,536)	\$ (2,904,947)	\$ (2,634,094)	\$ 2,355,695	\$ 54,965,665	\$ (52,254,355)	\$ (50,559,824)	\$ (50,536,981)

<sup>1</sup> Carrying Costs are calculated per the requirements of PSC Order No. 2017-246 using the effective 3-Year Treasury Note Rate plus 65 Basis Points.

<sup>2</sup> February 2018 adjustments include the application of \$113,739,272 in Interest rate swap gains to reduce the retail base fuel cost under-collection balance.

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF BASE FUEL COSTS**  
**MAY 2018 - APRIL 2019**

	Forecast					
	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
1. Fossil Fuel Costs	\$ 34,197,000	\$ 39,043,000	\$ 41,480,000	\$ 42,252,000	\$ 33,343,000	\$ 38,039,000
2. Nuclear Fuel Costs	\$ 4,727,000	\$ 4,472,000	\$ 4,819,000	\$ 4,701,000	\$ 4,472,000	\$ 763,000
3. Fuel Costs in Purchased Power and Interchange Received	\$ 13,827,000	\$ 16,204,000	\$ 17,295,000	\$ 17,405,000	\$ 15,276,000	\$ 14,638,000
4. Less: Fuel Costs in Intersystem Sales	\$ 69,000	\$ 93,000	\$ 70,000	\$ 46,000	\$ 186,000	\$ 71,000
5. Total Fuel Costs (Lines 1+2+3-4)	\$ 52,682,000	\$ 59,626,000	\$ 63,324,000	\$ 64,312,000	\$ 52,905,000	\$ 53,369,000
6. Total System Sales Excluding Intersystem Sales (kWh)	1,801,100,000	2,082,100,000	2,267,200,000	2,327,700,000	2,040,300,000	1,819,200,000
7. Total Fuel Cost Per kWh Sales	\$ 0.029250	\$ 0.028915	\$ 0.027930	\$ 0.027629	\$ 0.025930	\$ 0.029337
8. Less Base Fuel Cost Per kWh Included in Rates	\$ 0.02457	\$ 0.02457	\$ 0.02457	\$ 0.02457	\$ 0.02457	\$ 0.02457
9. Fuel Adjustment Per kWh	\$ 0.00468	\$ 0.00435	\$ 0.00336	\$ 0.00306	\$ 0.00136	\$ 0.00477
10. Retail kWh Sales	1,728,600,000	1,977,400,000	2,176,500,000	2,238,900,000	1,965,000,000	1,753,600,000
11. Over / Under Recovery Revenue	\$ 8,080,488	\$ 8,601,690	\$ 7,313,040	\$ 6,851,034	\$ 2,672,400	\$ 8,364,672
12. Carrying Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13. Fixed Capacity Charges & Adjustments	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)
14. Unbilled Fuel Cost Recovery Adjustment	\$ (2,651,216)	\$ (2,474,772)	\$ (1,721,148)	\$ 493,448	\$ 4,018,124	\$ 2,302,980
15. Net Over / Under Recovery Revenue	\$ 3,844,998	\$ 4,542,644	\$ 4,007,618	\$ 5,760,208	\$ 5,106,250	\$ 9,083,378
16. Cumulative (Over) Under Balance	\$ (50,536,981)	\$ (46,691,983)	\$ (38,141,721)	\$ (32,381,513)	\$ (27,275,263)	\$ (18,191,885)

	Forecast					
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019
17. Fossil Fuel Costs	\$ 43,187,000	\$ 38,060,000	\$ 39,452,000	\$ 32,842,000	\$ 27,100,000	\$ 26,828,000
18. Nuclear Fuel Costs	\$ 1,037,000	\$ 4,594,000	\$ 4,594,000	\$ 4,147,000	\$ 4,594,000	\$ 4,442,000
19. Fuel Costs in Purchased Power and Interchange Received	\$ 10,051,000	\$ 12,112,000	\$ 12,416,000	\$ 10,846,000	\$ 11,439,000	\$ 10,179,000
20. Less: Fuel Costs in Intersystem Sales	\$ 98,000	\$ 76,000	\$ 75,000	\$ 144,000	\$ 176,000	\$ 105,000
21. Total Fuel Costs (Lines 1+2+3-4)	\$ 54,177,000	\$ 54,690,000	\$ 56,387,000	\$ 47,691,000	\$ 42,957,000	\$ 41,344,000
22. Total System Sales Excluding Intersystem Sales (kWh)	1,629,300,000	1,848,400,000	2,059,000,000	1,926,200,000	1,771,400,000	1,687,200,000
23. Total Fuel Cost Per kWh Sales	\$ 0.033252	\$ 0.029588	\$ 0.027386	\$ 0.024759	\$ 0.024250	\$ 0.024505
24. Less Base Fuel Cost Per kWh Included in Rates	\$ 0.02457	\$ 0.02457	\$ 0.02457	\$ 0.02457	\$ 0.02457	\$ 0.02457
25. Fuel Adjustment Per kWh	\$ 0.00868	\$ 0.00502	\$ 0.00282	\$ 0.00019	\$ (0.00032)	\$ (0.00007)
26. Retail kWh Sales	1,560,300,000	1,770,400,000	1,955,300,000	1,834,500,000	1,679,600,000	1,601,300,000
27. Over / Under Recovery Revenue	\$ 13,543,404	\$ 8,887,408	\$ 5,513,946	\$ 348,555	\$ (537,472)	\$ (112,091)
28. Carrying Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29. Fixed Capacity Charges & Adjustments	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)
30. Unbilled Fuel Cost Recovery Adjustment	\$ (3,087,910)	\$ (2,021,378)	\$ (1,048,828)	\$ 5,072,959	\$ 1,072,956	\$ 44,785
31. Net Over / Under Recovery Revenue	\$ 8,871,220	\$ 5,281,756	\$ 2,880,844	\$ 3,837,240	\$ (1,048,790)	\$ (1,651,580)
32. Cumulative (Over) Under Balance	\$ (9,320,665)	\$ (4,038,909)	\$ (1,158,065)	\$ 2,679,175	\$ 1,630,385	\$ (21,195)

**SOUTH CAROLINA ELECTRIC & GAS COMPANY  
CALCULATION OF BASE FUEL COST COMPONENT  
WITH ONE-YEAR RECOVERY PERIOD FOR BASE FUEL COST OVERCOLLECTION**

**1. Projected Data (May 2018 - April 2019)**

Cost of Fuel (000's)	\$ 643,464
System Sales (GWh)	23,239
Fuel Rate (Cents/kWh)	2.769

**2. (Over)/Under Collection (000's) through April 2018** **\$ (50,537)**

South Carolina Retail Sales (GWh)	22,239
(Over)/Under Collection Rate (Cents/kWh)	(0.227)

**3. Base Fuel Cost Component (Cents/kWh)**

Projected Fuel Rate	2.769
Fixed Capacity Charges & Adjustments	(0.085)
Unbilled Fuel Cost Recovery Adjustment	<u>-</u>
Total Projected Fuel Rate	2.684
(Over)/Under Recovery Rate	<u>(0.227)</u>
Total Base Fuel Cost Component	<u><u>2.457</u></u>

EXHIBIT NO. \_\_\_\_ (AWR-3)

**SOUTH CAROLINA ELECTRIC & GAS COMPANY  
SUMMARY OF DEMAND ALLOCATION FACTORS FOR VARIABLE ENVIRONMENTAL,  
AVOIDED CAPACITY, AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS  
JANUARY 2017 - APRIL 2019**

**Demand Allocation Factors**

	Summer, 2016 Coincident Peak <sup>1</sup>		Summer, 2017 Coincident Peak <sup>2</sup>	
	KW	CP%	KW	CP%
1. Residential	2,074,049	46.75%	1,990,214	45.86%
2. Small General Service	780,929	17.60%	797,850	18.38%
3. Medium General Service	438,106	9.87%	427,159	9.84%
4. Large General Service	1,001,180	22.56%	987,111	22.75%
5. Wholesale	142,715	3.22%	137,523	3.17%
6. Total	4,436,979		4,339,857	

<sup>1</sup> - Used to allocate actual Variable Environmental, Avoided Capacity and Distributed Energy Resource Program Costs for the period January 2017 - December 2017.

<sup>2</sup> - Used to allocate projected Variable Environmental, Avoided Capacity, and Distributed Energy Resource Program Costs for the period January 2018 - April 2019.

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF VARIABLE ENVIRONMENTAL AND AVOIDED CAPACITY COSTS**  
**JANUARY 2017 - APRIL 2018**

	Actual												Forecast				Balance of Costs @ 4/30/2018
	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	
<b>Variable Environmental Costs</b>																	
1. SO2 Allowances	\$ 895	\$ 525	\$ 305	\$ 658	\$ 243	\$ 635	\$ 727	\$ 918	\$ 737	\$ 737	\$ 530	\$ 577	\$ 686	\$ 355	\$ 316	\$ 189	
2. NOx Allowances	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (389,175)	\$ 15,567	\$ -	\$ -	\$ -	\$ -	\$ -	
3. Umo	\$ 583,149	\$ 500,949	\$ 470,985	\$ 355,935	\$ 580,892	\$ 689,983	\$ 650,799	\$ 608,733	\$ 556,094	\$ 624,345	\$ 357,390	\$ 449,994	\$ 553,308	\$ 511,688	\$ 462,475	\$ 185,765	
4. Ammonia	\$ 260,275	\$ 204,903	\$ 133,520	\$ 325,622	\$ 354,391	\$ 278,482	\$ 312,124	\$ 188,070	\$ 140,376	\$ 138,093	\$ 59,559	\$ 150,116	\$ 267,142	\$ 219,946	\$ 199,471	\$ 219,666	
5. Other Reagents	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6. Environmental Costs Recovered in Interjurisdiction Sales	\$ -	\$ (61)	\$ -	\$ -	\$ -	\$ (1,068)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (160)	\$ (160)	\$ (160)	
7. Net Environmental Costs	\$ 844,319	\$ 708,315	\$ 604,810	\$ 682,214	\$ 915,527	\$ 966,032	\$ 963,650	\$ 797,621	\$ 697,208	\$ 374,000	\$ 433,046	\$ 600,686	\$ 821,134	\$ 731,922	\$ 632,102	\$ 394,460	
8. Avoided Capacity Costs	\$ 21	\$ 33	\$ 16	\$ -	\$ -	\$ 121	\$ 447	\$ 14,197	\$ 38,915	\$ 34,563	\$ 32,306	\$ 78,015	\$ 224,567	\$ 273,745	\$ 350,810	\$ 415,975	
<b>Demand Allocations</b>																	
9. Residential	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	46.75%	45.86%	45.86%	45.86%	45.86%	
10. Small General Service	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	17.60%	18.38%	18.38%	18.38%	18.38%	
11. Medium General Service	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.87%	9.84%	9.84%	9.84%	9.84%	
12. Large General Service	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.56%	22.75%	22.75%	22.75%	22.75%	
<b>Retail Environmental Cost Allocation</b>																	
13. Residential	\$ 394,719	\$ 330,202	\$ 282,749	\$ 318,935	\$ 428,009	\$ 451,620	\$ 450,506	\$ 372,888	\$ 325,945	\$ 174,845	\$ 202,449	\$ 280,821	\$ 376,572	\$ 335,614	\$ 299,054	\$ 163,192	
14. Small General Service	\$ 148,600	\$ 124,311	\$ 106,447	\$ 120,070	\$ 161,133	\$ 170,022	\$ 169,602	\$ 140,361	\$ 122,709	\$ 65,824	\$ 76,216	\$ 105,728	\$ 150,924	\$ 134,509	\$ 119,856	\$ 73,428	
15. Medium General Service	\$ 83,334	\$ 69,713	\$ 59,695	\$ 67,335	\$ 90,362	\$ 95,347	\$ 95,112	\$ 78,725	\$ 68,814	\$ 36,914	\$ 42,742	\$ 59,288	\$ 80,800	\$ 72,011	\$ 64,167	\$ 39,307	
16. Large General Service	\$ 180,478	\$ 159,345	\$ 135,445	\$ 153,908	\$ 209,543	\$ 217,937	\$ 217,399	\$ 179,943	\$ 157,290	\$ 84,374	\$ 97,685	\$ 135,515	\$ 186,808	\$ 166,490	\$ 148,353	\$ 89,677	
17. Net Environmental Cost Allocation	\$ 817,131	\$ 683,571	\$ 585,336	\$ 660,248	\$ 886,047	\$ 934,926	\$ 932,619	\$ 771,937	\$ 674,758	\$ 361,957	\$ 419,102	\$ 581,345	\$ 795,104	\$ 708,624	\$ 631,430	\$ 366,797	
<b>Retail Avoided Capacity Cost Allocation</b>																	
18. Residential	\$ 10	\$ 15	\$ 7	\$ -	\$ -	\$ 56	\$ 209	\$ 6,637	\$ 18,193	\$ 16,158	\$ 15,103	\$ 36,472	\$ 102,986	\$ 125,539	\$ 160,881	\$ 190,766	
19. Small General Service	\$ 4	\$ 6	\$ 3	\$ -	\$ -	\$ 21	\$ 79	\$ 2,499	\$ 6,849	\$ 6,083	\$ 5,686	\$ 13,731	\$ 41,276	\$ 50,314	\$ 64,479	\$ 76,456	
20. Medium General Service	\$ 2	\$ 3	\$ 2	\$ -	\$ -	\$ 12	\$ 44	\$ 1,401	\$ 3,841	\$ 3,411	\$ 3,189	\$ 7,700	\$ 22,097	\$ 26,937	\$ 34,520	\$ 40,932	
21. Large General Service	\$ 6	\$ 7	\$ 4	\$ -	\$ -	\$ 27	\$ 101	\$ 3,203	\$ 8,779	\$ 7,797	\$ 7,288	\$ 11,370	\$ 31,089	\$ 32,277	\$ 39,809	\$ 44,634	
22. Net Avoided Capacity Cost Allocation	\$ 21	\$ 31	\$ 16	\$ -	\$ -	\$ 116	\$ 433	\$ 13,740	\$ 37,682	\$ 33,449	\$ 31,266	\$ 75,503	\$ 217,447	\$ 265,067	\$ 339,689	\$ 402,788	
<b>Class Sales (in kWh)</b>																	
23. Residential	687,226,431	522,074,893	525,402,377	467,731,306	581,270,627	739,761,834	818,606,045	858,372,390	732,011,504	625,953,797	471,784,760	607,173,952	805,600,000	733,300,000	580,600,000	486,600,000	
24. Small General Service	271,567,642	237,670,184	252,181,222	240,807,034	293,461,574	332,548,461	330,021,586	357,945,790	329,936,856	304,210,464	246,114,545	257,543,049	298,300,000	285,600,000	260,500,000	254,000,000	
25. Medium General Service	179,305,469	156,992,605	169,104,723	164,388,659	192,492,313	211,492,703	205,637,301	220,482,003	208,022,201	189,061,234	183,075,543	166,033,838	181,000,000	166,800,000	163,100,000	174,800,000	
26. Large General Service	660,606,576	592,314,532	651,418,382	643,992,107	706,559,678	725,542,001	727,913,986	755,207,111	712,002,640	714,881,562	640,343,737	646,064,629	697,800,000	633,500,000	669,400,000	692,500,000	
<b>Environmental Factors (per kWh)</b>																	
27. Residential	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	\$ 0.00047	
28. Small General Service	\$ 0.00026	\$ 0.00026	\$ 0.00026	\$ 0.00026	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	\$ 0.00039	
29. Medium General Service	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	\$ 0.00033	
30. Large General Service	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	\$ 0.00020	
<b>Env. &amp; Avoided Cap. Cost Revenue Recovered</b>																	
31. Residential	\$ 219,912	\$ 167,064	\$ 168,129	\$ 149,674	\$ 273,197	\$ 347,697	\$ 384,745	\$ 403,435	\$ 344,045	\$ 294,198	\$ 221,739	\$ 285,372	\$ 378,632	\$ 344,651	\$ 272,882	\$ 228,702	
32. Small General Service	\$ 70,608	\$ 61,794	\$ 65,567	\$ 62,810	\$ 114,450	\$ 129,694	\$ 129,708	\$ 139,599	\$ 128,675	\$ 118,642	\$ 95,985	\$ 106,442	\$ 116,337	\$ 111,384	\$ 101,595	\$ 99,060	
33. Medium General Service	\$ 43,033	\$ 37,678	\$ 40,585	\$ 39,453	\$ 63,522	\$ 69,793	\$ 67,660	\$ 72,759	\$ 68,647	\$ 62,390	\$ 53,815	\$ 54,781	\$ 59,730	\$ 55,044	\$ 53,823	\$ 57,684	
34. Large General Service	\$ 112,303	\$ 100,693	\$ 110,741	\$ 109,479	\$ 141,312	\$ 145,108	\$ 145,583	\$ 160,011	\$ 142,491	\$ 142,878	\$ 128,069	\$ 129,213	\$ 138,890	\$ 126,700	\$ 133,880	\$ 136,500	
35. Total Environmental Revenue	\$ 445,856	\$ 367,229	\$ 385,022	\$ 361,216	\$ 592,441	\$ 692,292	\$ 772,136	\$ 766,834	\$ 683,768	\$ 618,206	\$ 499,608	\$ 569,818	\$ 688,259	\$ 637,779	\$ 562,180	\$ 521,946	
<b>Env. Avoid. Cap. &amp; Unbilled Fuel Cost Adjustments</b>																	
36. Residential	\$ 11,696	\$ 11,112	\$ (5,817)	\$ (50,734)	\$ (11,678)	\$ 5,973	\$ (32,728)	\$ (498)	\$ 29,930	\$ 15,652	\$ (15,388)	\$ (26,820)	\$ 5,797	\$ 44,313	\$ 8,759	\$ (99,014)	
37. Small General Service	\$ 3,753	\$ 4,110	\$ (2,245)	\$ (21,222)	\$ (4,892)	\$ 2,227	\$ (10,950)	\$ (174)	\$ 11,193	\$ 6,312	\$ (6,659)	\$ (9,441)	\$ 1,776	\$ 14,318	\$ 3,260	\$ (42,885)	
38. Medium General Service	\$ 2,285	\$ 2,504	\$ (1,353)	\$ (13,375)	\$ (2,718)	\$ 1,196	\$ (5,776)	\$ (94)	\$ 5,968	\$ 3,316	\$ (3,736)	\$ (5,153)	\$ 910	\$ 7,072	\$ 1,724	\$ (24,975)	
39. Large General Service	\$ 5,962	\$ 6,690	\$ (3,529)	\$ (37,114)	\$ (6,052)	\$ 2,478	\$ (12,399)	\$ (202)	\$ 12,374	\$ 7,595	\$ (8,898)	\$ (12,157)	\$ 2,026	\$ 16,274	\$ 4,286	\$ (59,104)	
40. Net Environmental Cost Adjustments	\$ 23,696	\$ 24,416	\$ (12,944)	\$ (122,445)	\$ (25,340)	\$ 11,874	\$ (61,853)	\$ (968)	\$ 59,465	\$ 32,875	\$ (34,679)	\$ (53,571)	\$ 10,513	\$ 81,977	\$ 18,029	\$ (225,978)	
<b>Environmental (Over)/Under Recovery</b>																	
41. Residential	\$ (1,864,035)	\$ 186,513	\$ 174,265	\$ 108,810	\$ 118,527	\$ 143,134	\$ 109,952	\$ 33,242	\$ (24,408)	\$ 30,023	\$ (87,543)	\$ 5,101	\$ 106,723	\$ 169,815	\$ 195,812	\$ 46,242	\$ (576,402)
42. Small General Service	\$ (734,288)	\$ 81,749	\$ 66,633	\$ 38,638	\$ 36,238	\$ 41,781	\$ 42,576	\$ 30,023	\$ 3,107	\$ 12,076	\$ (40,423)	\$ (20,742)	\$ 9,569	\$ 77,640	\$ 87,757	\$ 66,000	\$ (173,724)
43. Medium General Service	\$ (433,444)	\$ 42,588	\$ 34,542	\$ 17,759	\$ 14,507	\$ 24,122	\$ 26,762	\$ 21,520	\$ 7,273	\$ 9,976	\$ (18,749)	\$ (11,620)	\$ 7,044	\$ 44,097	\$ 50,976	\$ 46,568	\$ (116,499)
44. Large General Service	\$ (873,172)	\$ 84,142	\$ 65,349	\$ 22,179	\$ 7,315	\$ 59,179	\$ 75,334	\$ 59,518	\$ 31,903	\$ 36,042	\$ (43,210)	\$ (31,982)	\$ 11,745	\$ 108,345	\$ 118,341	\$ 98,568	\$ (102,093)
45. Total (Over)/Under Recovery	\$ 394,992	\$ 340,789	\$ 187,386	\$ 176,587	\$ 268,226	\$ 254,624	\$ 144,303	\$ 17,875	\$ 88,117	\$ (189,925)	\$ (83,919)	\$ 33,459	\$ 334,805	\$ 417,889	\$ 426,968	\$ 41,661	\$ (1,051,102)
46. Cumulative (Over)/Under Recovery	\$ (3,904,939)	\$ (3,509,947)	\$ (3,169,158)	\$ (2,981,772)	\$ (2,805,185)	\$ (2,536,959)	\$ (2,282,335)	\$ (2,138,032)	\$ (2,120,157)	\$ (2,032,040)	\$ (2,221,965)	\$ (2,305,684)	\$ (2,272,425)	\$ (1,937,620)	\$ (1,518,731)	\$ (1,082,763)	\$ (1,051,102)

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF VARIABLE ENVIRONMENTAL AND AVOIDED CAPACITY COSTS**  
**MAY 2018 - APRIL 2019**

	Balance of Costs		Forecast												Balance of Costs													
	@ 4/30/2018		May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	@ 4/30/2019													
<u>Variable Environmental Costs</u>																												
1. SO2 Allowances	\$	283	\$	441	\$	431	\$	435	\$	349	\$	140	\$	419	\$	384	\$	330	\$	340	\$	266	\$	239				
2. NOx Allowances	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
3. Lime	\$	692,040	\$	637,783	\$	587,554	\$	549,929	\$	410,772	\$	666,273	\$	426,618	\$	557,290	\$	561,593	\$	533,134	\$	448,389	\$	219,281				
4. Ammonia	\$	273,219	\$	259,680	\$	290,583	\$	166,106	\$	213,447	\$	278,830	\$	242,466	\$	208,502	\$	244,139	\$	206,509	\$	163,155	\$	223,633				
5. Environmental Costs Recovered in Intersystem Sales	\$	(180)	\$	(180)	\$	(280)	\$	(280)	\$	(160)	\$	(70)	\$	(70)	\$	(90)	\$	(90)	\$	(140)	\$	(140)	\$	(140)				
6. Net Environmental Costs	\$	965,362	\$	897,674	\$	878,288	\$	716,190	\$	624,408	\$	945,173	\$	669,433	\$	766,086	\$	805,972	\$	739,843	\$	611,670	\$	443,013				
7. Net Avoided Cost Capacity Credits	\$	392,241	\$	1,080,740	\$	1,135,277	\$	1,075,374	\$	327,492	\$	309,379	\$	253,999	\$	252,972	\$	274,987	\$	338,508	\$	379,496	\$	449,990				
<u>Demand Allocations</u>																												
8. Residential		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%		45.86%				
9. Small General Service		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%		18.38%				
10. Medium General Service		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%		9.84%				
11. Large General Service		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%		22.75%				
<u>Retail Environmental Cost Allocation</u>																												
12. Residential	\$	442,715	\$	411,673	\$	402,783	\$	328,445	\$	286,354	\$	433,456	\$	307,002	\$	351,327	\$	369,619	\$	339,292	\$	280,512	\$	203,166				
13. Small General Service	\$	177,434	\$	164,992	\$	161,429	\$	131,636	\$	114,766	\$	173,723	\$	123,042	\$	140,807	\$	148,138	\$	135,983	\$	112,425	\$	81,426				
14. Medium General Service	\$	94,992	\$	88,331	\$	86,424	\$	70,473	\$	61,442	\$	93,005	\$	65,872	\$	75,383	\$	79,308	\$	72,801	\$	60,188	\$	43,592				
15. Large General Service	\$	219,620	\$	204,221	\$	199,811	\$	162,933	\$	142,053	\$	215,027	\$	152,296	\$	174,285	\$	183,359	\$	168,314	\$	139,155	\$	100,785				
16. Net Environmental Cost Allocation	\$	934,761	\$	869,217	\$	850,447	\$	693,487	\$	604,615	\$	915,211	\$	648,212	\$	741,802	\$	780,424	\$	716,390	\$	592,280	\$	428,969				
<u>Retail Avoided Capacity Cost Allocation</u>																												
17. Residential	\$	179,882	\$	495,627	\$	520,638	\$	493,167	\$	150,188	\$	141,881	\$	116,484	\$	116,013	\$	126,109	\$	155,240	\$	174,037	\$	206,365				
18. Small General Service	\$	72,094	\$	198,640	\$	208,664	\$	197,654	\$	60,193	\$	56,864	\$	46,685	\$	46,496	\$	50,543	\$	62,218	\$	69,751	\$	82,708				
19. Medium General Service	\$	38,597	\$	106,345	\$	111,711	\$	105,817	\$	32,225	\$	30,443	\$	24,994	\$	24,892	\$	27,059	\$	33,309	\$	37,342	\$	44,279				
20. Large General Service	\$	89,235	\$	245,868	\$	258,276	\$	244,648	\$	74,504	\$	70,384	\$	57,785	\$	57,551	\$	62,560	\$	77,011	\$	86,335	\$	102,373				
21. Net Avoided Capacity Cost Allocation	\$	379,808	\$	1,046,480	\$	1,099,289	\$	1,041,286	\$	317,110	\$	299,572	\$	245,948	\$	244,952	\$	266,271	\$	327,778	\$	367,465	\$	435,725				
<u>Allocation of Avoided Cap. &amp; Unbilled Fuel Cost Adj.</u>																												
22. Residential	\$	(37,025)	\$	(34,812)	\$	(23,484)	\$	7,441	\$	55,854	\$	31,517	\$	(43,271)	\$	(28,746)	\$	(14,111)	\$	69,792	\$	15,799	\$	649				
23. Small General Service	\$	(14,838)	\$	(13,952)	\$	(9,412)	\$	2,983	\$	22,386	\$	12,631	\$	(17,342)	\$	(11,521)	\$	(5,656)	\$	27,972	\$	6,332	\$	261				
24. Medium General Service	\$	(7,947)	\$	(7,472)	\$	(5,042)	\$	1,594	\$	11,982	\$	6,759	\$	(9,287)	\$	(6,171)	\$	(3,031)	\$	14,972	\$	3,387	\$	136				
25. Large General Service	\$	(18,378)	\$	(17,281)	\$	(11,662)	\$	3,680	\$	27,696	\$	15,623	\$	(21,477)	\$	(14,272)	\$	(7,014)	\$	34,611	\$	7,826	\$	311				
26. Unbilled Fuel Adjustment	\$	(78,188)	\$	(73,517)	\$	(49,600)	\$	15,698	\$	117,918	\$	66,530	\$	(91,377)	\$	(60,710)	\$	(29,810)	\$	147,347	\$	33,344	\$	1,357				
<u>Total Env. &amp; Avoided Costs by Class</u>																												
27. Residential	\$	(576,402)	\$	585,572	\$	872,488	\$	899,937	\$	829,053	\$	492,396	\$	606,854	\$	380,215	\$	438,594	\$	481,617	\$	564,324	\$	470,348	\$	410,180	\$	6,455,176
28. Small General Service	\$	(173,724)	\$	234,690	\$	349,680	\$	360,681	\$	332,273	\$	197,345	\$	243,218	\$	152,385	\$	175,782	\$	193,025	\$	226,173	\$	188,508	\$	164,395	\$	2,644,431
29. Medium General Service	\$	(118,499)	\$	125,642	\$	187,204	\$	193,093	\$	177,884	\$	105,649	\$	130,207	\$	81,579	\$	94,104	\$	103,336	\$	121,082	\$	100,917	\$	88,007	\$	1,390,205
30. Large General Service	\$	(182,477)	\$	290,477	\$	432,808	\$	446,425	\$	411,261	\$	244,253	\$	301,034	\$	188,604	\$	217,564	\$	238,907	\$	279,936	\$	233,316	\$	203,469	\$	3,305,577
31. Total Environ. & Avoided Cap. Costs	\$	(1,051,102)	\$	1,236,381	\$	1,842,180	\$	1,900,136	\$	1,750,471	\$	1,039,643	\$	1,281,313	\$	802,783	\$	926,044	\$	1,016,885	\$	1,191,515	\$	993,089	\$	866,051	\$	13,795,389
<u>Class Sales (in kWh)</u>																												
32. Residential		525,500,000		690,500,000		827,200,000		853,000,000		674,800,000		532,800,000		456,800,000		643,000,000		799,500,000		736,700,000		583,600,000		488,300,000		7,811,700,000		
33. Small General Service		281,500,000		319,200,000		344,900,000		364,000,000		326,600,000		292,700,000		242,100,000		261,800,000		299,800,000		290,300,000		264,400,000		257,400,000		3,544,700,000		
34. Medium General Service		183,200,000		199,700,000		211,300,000		220,300,000		198,100,000		187,100,000		161,700,000		165,400,000		178,600,000		166,400,000		163,000,000		175,100,000		2,209,900,000		
35. Large General Service		711,200,000		742,900,000		766,800,000		776,900,000		740,900,000		715,300,000		674,900,000		675,300,000		652,700,000		615,800,000		643,700,000		655,000,000		8,371,400,000		
<u>Environmental Factors (per kWh)</u>																												
36. Residential	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083	\$	0.00083		
37. Small General Service	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075	\$	0.00075		
38. Medium General Service	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063	\$	0.00063		
39. Large General Service	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039	\$	0.00039		
<u>Environmental Revenue Recovered</u>																												
40. Residential	\$	436,165	\$	573,115	\$	686,576	\$	707,990	\$	560,084	\$	442,224	\$	379,144	\$	533,690	\$	663,585	\$	611,461	\$	484,338	\$	405,289				
41. Small General Service	\$	211,125	\$	239,400	\$	258,675	\$	273,000	\$	244,950	\$	219,525	\$	181,575	\$	196,350	\$	224,850	\$	217,725	\$	198,300	\$	193,050				
42. Medium General Service	\$	115,416	\$	125,811	\$	133,119	\$	138,789	\$	124,803	\$	117,873	\$	101,871	\$	104,202	\$	112,518	\$	104,832	\$	102,690	\$	110,313				
43. Large General Service	\$	277,368	\$	289,731	\$	299,052	\$	302,991	\$	288,951	\$	278,967	\$	263,211	\$	263,367	\$	254,553	\$	240,162	\$	251,043	\$	255,450				
44. Total Environmental Revenue	\$	1,040,074	\$	1,228,057	\$	1,377,422	\$	1,422,770	\$	1,218,788	\$	1,058,589	\$	925,801	\$	1,097,609	\$	1,255,506	\$	1,174,180	\$	1,036,421	\$	964,102				
<u>Environmental (Over)/Under Recovery</u>																												
45. Residential	\$	(576,402)	\$	149,407	\$	299,373	\$	213,361	\$	121,063	\$	(67,688)	\$	164,630	\$	1,071	\$	(95,096)	\$	(181,968)	\$	(47,137)	\$	(14,040)	\$	4,891	\$	(28,535)
46. Small General Service	\$	(173,724)	\$	23,565	\$	110,280	\$	102,006	\$	59,273	\$	(47,605)	\$	23,693	\$	(29,190)	\$	(20,568)	\$	(31,825)	\$	8,448	\$	(9,792)	\$	(28,655)	\$	(14,094)
47. Medium General Service	\$	(118,499)	\$	10,226	\$	61,393	\$	59,974	\$	39,095	\$	(19,154)	\$	12,334	\$	(20,292)	\$	(10,098)	\$	(9,182)	\$	16,250	\$	(11,773)	\$	(22,306)	\$	(2,032)
48. Large General Service	\$	(182,477)	\$	13,109	\$	143,077	\$	147,373	\$	108,270	\$	(44,698)	\$	22,067	\$	(74,607)	\$	(45,803)	\$	(15,646)	\$	39,774	\$	(17,727)	\$	(51,981)	\$	40,731
49. Total (Over)/Under Recovery	\$	196,307	\$	614,123	\$	522,714	\$	327,701	\$	(179,145)	\$	222,724	\$	(123,018)	\$	(171,565)	\$	(238,621)	\$	17,335	\$	(43,332)	\$	(98,051)	\$		\$	(3,930)
50. Cumulative (Over)/Under Recovery	\$	(1,051,102)	\$	(854,795)	\$	(240,672)	\$	282,042	\$	609,743	\$	430,598	\$	653,322	\$	530,304	\$	358,739	\$	120,118	\$	137,453	\$	94,121	\$	(3,930)		

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF DISTRIBUTED ENERGY RESOURCE PROGRAM AVOIDED COSTS**  
**JANUARY 2017 - APRIL 2018**

	Actual												Forecast				Balance of Costs																	
	Balance of Costs @ 12/31/2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	Balance of Costs @ 4/30/2018																
<b>DERP Avoided Costs</b>																																		
1. BCA Avoided Costs	\$	10,597	\$	13,111	\$	21,370	\$	24,456	\$	34,814	\$	40,330	\$	46,520	\$	55,324	\$	50,480	\$	50,631	\$	44,521	\$	38,480	\$	42,034	\$	55,634	\$	84,279	\$	121,583		
2. Utility Scale Avoided Costs	\$	39,577	\$	51,944	\$	59,325	\$	63,177	\$	114,684	\$	199,994	\$	249,764	\$	309,237	\$	322,727	\$	288,575	\$	199,825	\$	219,328	\$	303,855	\$	370,397	\$	437,978	\$	519,335		
3. Community Solar Avoided Costs	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
4. Excess NEM Avoided Cost Payments	\$	-	\$	85	\$	168	\$	176	\$	-	\$	280	\$	-	\$	152	\$	1,136	\$	555	\$	67,489	\$	8	\$	51	\$	-	\$	-	\$	-		
5. Total DERP Avoided Costs	\$	50,173	\$	65,149	\$	80,803	\$	87,808	\$	149,498	\$	240,604	\$	296,284	\$	364,713	\$	373,332	\$	339,761	\$	311,836	\$	257,817	\$	345,940	\$	426,231	\$	522,257	\$	640,918		
<b>Demand Allocations</b>																																		
6. Residential		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		48.30%		47.36%		47.36%		47.36%		47.36%		
7. Small General Service		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.19%		18.99%		18.99%		18.99%		18.99%		
8. Medium General Service		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.20%		10.16%		10.16%		10.16%		10.16%		
9. Large General Service		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.31%		23.49%		23.49%		23.49%		23.49%		
<b>DERP Avoided Cost Allocation</b>																																		
10. Residential	\$	24,233	\$	31,467	\$	39,028	\$	42,412	\$	72,207	\$	116,211	\$	143,105	\$	176,156	\$	180,319	\$	164,104	\$	150,617	\$	124,526	\$	163,837	\$	201,862	\$	247,241	\$	303,539		
11. Small General Service	\$	9,127	\$	11,851	\$	14,698	\$	15,972	\$	27,194	\$	43,766	\$	53,894	\$	66,341	\$	67,909	\$	61,803	\$	56,723	\$	46,897	\$	65,694	\$	80,941	\$	99,177	\$	121,710		
12. Medium General Service	\$	5,118	\$	6,645	\$	8,242	\$	8,856	\$	15,249	\$	24,542	\$	30,221	\$	37,291	\$	38,080	\$	34,656	\$	31,807	\$	28,297	\$	35,148	\$	43,305	\$	53,061	\$	65,117		
13. Large General Service	\$	11,695	\$	15,165	\$	18,835	\$	20,488	\$	34,848	\$	56,085	\$	69,064	\$	85,015	\$	87,024	\$	79,198	\$	72,689	\$	60,097	\$	81,261	\$	100,122	\$	122,678	\$	150,552		
14. Net Environmental Cost Allocation	\$	50,173	\$	65,149	\$	80,803	\$	87,808	\$	149,498	\$	240,604	\$	296,284	\$	364,713	\$	373,332	\$	339,761	\$	311,836	\$	257,817	\$	345,940	\$	426,231	\$	522,257	\$	640,918		
<b>Class Sales (in kWh)</b>																																		
15. Residential		687,226,431		522,074,893		525,402,377		467,731,308		581,270,827		739,781,834		818,606,045		858,372,390		732,011,504		625,953,797		471,784,760		607,173,952		805,600,000		733,300,000		580,600,000		486,600,000		
16. Small General Service		271,567,642		237,670,184		252,181,222		240,807,034		293,461,574		332,548,461		330,021,586		357,945,790		329,936,856		304,210,464		246,114,545		257,543,049		298,300,000		285,600,000		260,500,000		254,000,000		
17. Medium General Service		179,305,469		156,992,605		169,104,723		164,388,659		192,492,313		211,492,703		205,637,301		220,482,003		208,022,291		189,061,234		163,075,643		166,033,838		181,000,000		166,800,000		163,100,000		174,800,000		
18. Large General Service		660,606,576		592,314,532		651,418,382		643,992,107		706,559,678		725,542,001		727,913,986		755,207,111		712,002,640		714,881,562		640,343,737		646,064,629		667,800,000		633,500,000		669,400,000		682,500,000		
<b>DERP Avoided Factors (per kWh)</b>																																		
19. Residential	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015	\$	0.00015		
20. Small General Service	\$	0.00012	\$	0.00012	\$	0.00012	\$	0.00012	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013	\$	0.00013		
21. Medium General Service	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011	\$	0.00011		
22. Large General Service	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007	\$	0.00007		
<b>DERP Avoided Cost Revenue Recovered</b>																																		
23. Residential	\$	103,084	\$	78,311	\$	78,810	\$	70,160	\$	87,191	\$	110,967	\$	122,791	\$	128,756	\$	109,802	\$	93,893	\$	70,768	\$	91,076	\$	120,840	\$	109,995	\$	87,090	\$	72,990		
24. Small General Service	\$	32,588	\$	28,520	\$	30,262	\$	28,897	\$	38,150	\$	43,231	\$	42,903	\$	46,533	\$	42,892	\$	39,547	\$	31,995	\$	33,481	\$	38,779	\$	37,128	\$	33,865	\$	33,020		
25. Medium General Service	\$	19,724	\$	17,269	\$	18,602	\$	18,083	\$	21,174	\$	23,264	\$	22,620	\$	24,253	\$	22,882	\$	20,797	\$	17,938	\$	18,264	\$	19,910	\$	18,348	\$	17,941	\$	19,228		
26. Large General Service	\$	46,242	\$	41,462	\$	45,599	\$	45,079	\$	49,459	\$	50,788	\$	50,954	\$	52,864	\$	49,840	\$	50,042	\$	44,824	\$	45,225	\$	46,746	\$	44,345	\$	44,345	\$	47,775		
27. Total Environmental Revenue	\$	201,638	\$	165,562	\$	173,273	\$	162,219	\$	195,974	\$	228,250	\$	239,268	\$	252,406	\$	225,416	\$	204,279	\$	165,525	\$	188,046	\$	226,275	\$	209,816	\$	185,754	\$	173,013		
<b>DERP Avoided &amp; Unbilled Fuel Cost Adjustments</b>																																		
28. Residential	\$	5,663	\$	5,500	\$	2,315	\$	(7,079)	\$	(3,580)	\$	1,982	\$	(10,315)	\$	(84)	\$	9,340	\$	4,918	\$	(4,723)	\$	(8,344)	\$	1,834	\$	13,938	\$	2,671	\$	(63,889)		
29. Small General Service	\$	1,790	\$	2,003	\$	896	\$	(2,916)	\$	(1,566)	\$	773	\$	(3,604)	\$	(28)	\$	3,648	\$	2,072	\$	(2,135)	\$	(3,067)	\$	589	\$	4,705	\$	1,039	\$	(28,903)		
30. Medium General Service	\$	1,084	\$	1,213	\$	460	\$	(1,824)	\$	(869)	\$	418	\$	(1,980)	\$	(13)	\$	1,946	\$	1,090	\$	(1,197)	\$	(1,673)	\$	302	\$	2,325	\$	551	\$	(16,831)		
31. Large General Service	\$	2,540	\$	2,910	\$	1,301	\$	(4,548)	\$	(2,030)	\$	908	\$	(4,280)	\$	(28)	\$	4,239	\$	2,622	\$	(2,991)	\$	(4,143)	\$	710	\$	5,619	\$	1,438	\$	(41,819)		
32. Net Environmental Cost Adjustments	\$	11,077	\$	11,626	\$	4,672	\$	(16,367)	\$	(8,045)	\$	4,079	\$	(20,099)	\$	(151)	\$	19,173	\$	10,702	\$	(11,048)	\$	(17,227)	\$	3,435	\$	26,587	\$	5,699	\$	(151,442)		
<b>DERP Avoided (Over)/Under Recovery</b>																																		
33. Residential	\$	(835,858)	\$	(73,188)	\$	(41,344)	\$	(37,467)	\$	(34,827)	\$	(18,564)	\$	7,226	\$	9,999	\$	47,316	\$	79,857	\$	75,129	\$	25,106	\$	44,831	\$	105,805	\$	162,922	\$	166,660	\$	(241,271)
34. Small General Service	\$	(286,420)	\$	(21,671)	\$	(14,666)	\$	(14,666)	\$	(15,841)	\$	(12,522)	\$	1,308	\$	7,387	\$	19,780	\$	28,665	\$	24,328	\$	22,593	\$	10,349	\$	27,504	\$	48,518	\$	66,351	\$	59,787
35. Medium General Service	\$	(175,141)	\$	(13,522)	\$	(9,411)	\$	(9,900)	\$	(10,851)	\$	(6,794)	\$	1,694	\$	5,701	\$	12,935	\$	17,144	\$	14,949	\$	12,672	\$	15,540	\$	27,282	\$	35,671	\$	29,058	\$	(46,713)
36. Large General Service	\$	(401,587)	\$	(32,007)	\$	(23,366)	\$	(25,763)	\$	(18,919)	\$	(16,641)	\$	6,205	\$	13,830	\$	32,125	\$	41,423	\$	31,778	\$	24,874	\$	10,729	\$	35,225	\$	61,396	\$	77,258	\$	60,958
37. Total (Over)/Under Recovery	\$	(140,388)	\$	(88,787)	\$	(87,798)	\$	(90,778)	\$	(54,521)	\$	16,433	\$	36,917	\$	112,156	\$	167,089	\$	146,184	\$	135,265	\$	52,544	\$	123,100	\$	243,081	\$	342,202	\$	316,463	\$	(479,924)
38. Cumulative (Over)/Under Recovery	\$	(1,709,006)	\$	(1,849,394)	\$	(1,938,181)	\$	(2,025,979)	\$	(2,116,757)	\$	(2,171,278)	\$	(2,154,845)	\$	(2,117,928)	\$	(2,005,772)	\$	(1,838,683)	\$	(1,692,499)	\$	(1,557,234)	\$	(1,504,690)	\$	(1,381,590)	\$	(1,138,588)	\$	(796,387)	\$	(479,924)



**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF DISTRIBUTED ENERGY RESOURCE PROGRAM AVOIDED COSTS**  
**MAY 2018 - APRIL 2019**

	Balance of Costs @ 4/30/2018	Forecast												Balance of Costs @ 4/30/2019	
		May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019		
<b>DERP Avoided Costs</b>															
1. BCA Avoided Costs	\$	105,181	\$ 104,120	\$ 104,511	\$ 96,751	\$ 87,818	\$ 82,961	\$ 68,111	\$ 64,705	\$ 65,263	\$ 79,555	\$ 94,071	\$ 111,545		
2. Utility Scale Avoided Costs	\$	489,703	\$ 484,765	\$ 486,584	\$ 450,454	\$ 408,866	\$ 386,252	\$ 317,111	\$ 301,256	\$ 303,855	\$ 370,397	\$ 437,978	\$ 519,335		
3. Community Solar Avoided Costs	\$	119,787	\$ 118,559	\$ 119,004	\$ 110,168	\$ 99,997	\$ 94,466	\$ 77,556	\$ 73,678	\$ 74,314	\$ 103,529	\$ 122,419	\$ 145,159		
4. Excess NEM Avoided Cost Payments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,188	\$ -	\$ -	\$ -	\$ -	\$ -		
5. Total DERP Avoided Costs	\$	714,651	\$ 707,444	\$ 710,099	\$ 657,373	\$ 596,681	\$ 563,679	\$ 551,937	\$ 439,639	\$ 443,432	\$ 553,481	\$ 654,468	\$ 776,039		
<b>Demand Allocations</b>															
6. Residential		47.36%	47.36%	47.36%	47.36%	47.36%	47.36%	47.36%	47.36%	47.38%	47.38%	47.38%	47.36%		
7. Small General Service		18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%		
8. Medium General Service		10.16%	10.16%	10.16%	10.16%	10.16%	10.16%	10.16%	10.16%	10.16%	10.16%	10.16%	10.16%		
9. Large General Service		23.49%	23.49%	23.49%	23.49%	23.49%	23.49%	23.49%	23.49%	23.49%	23.49%	23.49%	23.49%		
<b>DERP Avoided Cost Allocation</b>															
10. Residential	\$	338,459	\$ 335,045	\$ 336,303	\$ 311,332	\$ 282,588	\$ 266,958	\$ 261,397	\$ 208,213	\$ 210,009	\$ 262,129	\$ 309,956	\$ 387,532		
11. Small General Service	\$	135,712	\$ 134,344	\$ 134,848	\$ 124,835	\$ 113,310	\$ 107,043	\$ 104,813	\$ 83,487	\$ 84,208	\$ 105,106	\$ 124,283	\$ 147,370		
12. Medium General Service	\$	72,609	\$ 71,876	\$ 72,146	\$ 66,789	\$ 60,623	\$ 57,270	\$ 56,077	\$ 44,667	\$ 45,053	\$ 56,234	\$ 66,494	\$ 78,846		
13. Large General Service	\$	167,872	\$ 166,179	\$ 166,802	\$ 154,417	\$ 140,160	\$ 132,408	\$ 129,650	\$ 103,271	\$ 104,162	\$ 130,013	\$ 153,735	\$ 182,292		
14. Net Environmental Cost Allocation	\$	714,652	\$ 707,444	\$ 710,099	\$ 657,373	\$ 596,681	\$ 563,679	\$ 551,937	\$ 439,638	\$ 443,432	\$ 553,482	\$ 654,468	\$ 776,040		
<b>Allocation of Unbilled Fuel Cost Adj.</b>															
15. Residential	\$	(17,936)	\$ (16,836)	\$ (11,432)	\$ 3,560	\$ 27,118	\$ 15,362	\$ (20,948)	\$ (13,866)	\$ (6,887)	\$ 33,959	\$ 7,581	\$ 324		
16. Small General Service	\$	(7,192)	\$ (6,751)	\$ (4,584)	\$ 1,427	\$ 10,873	\$ 6,159	\$ (8,399)	\$ (5,560)	\$ (2,762)	\$ 13,616	\$ 3,040	\$ 130		
17. Medium General Service	\$	(3,848)	\$ (3,612)	\$ (2,452)	\$ 764	\$ 5,818	\$ 3,295	\$ (4,493)	\$ (2,975)	\$ (1,477)	\$ 7,285	\$ 1,627	\$ 69		
18. Large General Service	\$	(8,896)	\$ (8,350)	\$ (5,670)	\$ 1,798	\$ 13,450	\$ 7,619	\$ (10,389)	\$ (6,877)	\$ (3,416)	\$ 16,843	\$ 3,761	\$ 160		
19. Unbilled Fuel Adjustment	\$	(37,872)	\$ (35,549)	\$ (24,138)	\$ 7,517	\$ 57,259	\$ 32,435	\$ (44,227)	\$ (29,278)	\$ (14,542)	\$ 71,703	\$ 16,009	\$ 683		
<b>Total DERP Avoided Costs by Class</b>															
20. Residential	\$	(241,271)	\$ 320,523	\$ 318,209	\$ 324,871	\$ 314,892	\$ 309,706	\$ 282,320	\$ 240,451	\$ 194,347	\$ 203,122	\$ 296,088	\$ 317,537	\$ 367,856	\$ 3,248,651
21. Small General Service	\$	(59,218)	\$ 128,520	\$ 127,593	\$ 130,264	\$ 126,262	\$ 124,183	\$ 113,202	\$ 96,414	\$ 77,927	\$ 81,446	\$ 118,722	\$ 127,323	\$ 147,500	\$ 1,340,138
22. Medium General Service	\$	(46,713)	\$ 68,761	\$ 68,264	\$ 69,694	\$ 67,553	\$ 66,441	\$ 60,565	\$ 51,584	\$ 41,692	\$ 43,576	\$ 63,519	\$ 68,121	\$ 78,915	\$ 701,972
23. Large General Service	\$	(132,722)	\$ 158,976	\$ 157,829	\$ 161,132	\$ 156,183	\$ 153,610	\$ 140,027	\$ 119,261	\$ 96,394	\$ 100,746	\$ 146,856	\$ 157,496	\$ 182,452	\$ 1,598,240
24. Total Environ. & Avoided Cap. Costs	\$	(479,924)	\$ 676,780	\$ 671,895	\$ 685,961	\$ 664,890	\$ 653,940	\$ 596,114	\$ 507,710	\$ 410,360	\$ 428,890	\$ 625,185	\$ 670,477	\$ 776,723	\$ 6,889,001
<b>Class Sales (In kWh)</b>															
25. Residential		525,500,000	690,500,000	827,200,000	853,000,000	674,800,000	532,800,000	456,800,000	643,000,000	799,500,000	738,700,000	583,600,000	488,300,000	7,811,700,000	
26. Small General Service		281,500,000	319,200,000	344,900,000	364,000,000	326,600,000	292,700,000	242,100,000	261,800,000	299,800,000	290,300,000	264,400,000	257,400,000	3,544,700,000	
27. Medium General Service		183,200,000	199,700,000	211,300,000	220,300,000	198,100,000	187,100,000	161,700,000	165,400,000	178,600,000	166,400,000	163,000,000	175,100,000	2,209,900,000	
28. Large General Service		711,200,000	742,900,000	766,800,000	776,900,000	740,900,000	715,300,000	674,900,000	675,300,000	652,700,000	615,800,000	643,700,000	655,000,000	8,371,400,000	
<b>DERP Avoided Cost Factors (per kWh)</b>															
29. Residential	\$	0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042	\$ 0.00042
30. Small General Service	\$	0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038
31. Medium General Service	\$	0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032
32. Large General Service	\$	0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019	\$ 0.00019
<b>DERP Avoided Cost Revenue Recovered</b>															
33. Residential	\$	220,710	\$ 290,010	\$ 347,424	\$ 358,260	\$ 283,416	\$ 223,776	\$ 191,856	\$ 270,060	\$ 335,790	\$ 309,414	\$ 245,112	\$ 205,086		
34. Small General Service	\$	106,970	\$ 121,296	\$ 131,062	\$ 138,320	\$ 124,108	\$ 111,226	\$ 91,998	\$ 99,484	\$ 113,924	\$ 110,314	\$ 100,472	\$ 97,812		
35. Medium General Service	\$	58,624	\$ 63,904	\$ 67,616	\$ 70,496	\$ 63,392	\$ 59,872	\$ 51,744	\$ 52,928	\$ 57,152	\$ 53,248	\$ 52,160	\$ 56,032		
36. Large General Service	\$	135,128	\$ 141,151	\$ 145,692	\$ 147,611	\$ 140,771	\$ 135,907	\$ 128,231	\$ 128,307	\$ 124,013	\$ 117,002	\$ 122,303	\$ 124,450		
37. Total Environmental Revenue	\$	521,432	\$ 616,361	\$ 691,794	\$ 714,687	\$ 611,687	\$ 530,781	\$ 463,829	\$ 550,779	\$ 630,879	\$ 589,978	\$ 520,047	\$ 483,380		
<b>DERP Avoided (Over)/Under Recovery</b>															
38. Residential	\$	(241,271)	\$ 99,813	\$ 28,199	\$ (22,553)	\$ (43,368)	\$ 26,290	\$ 58,544	\$ 48,595	\$ (75,713)	\$ (132,668)	\$ (13,326)	\$ 72,425	\$ 162,770	\$ (32,263)
39. Small General Service	\$	(59,218)	\$ 21,550	\$ 6,297	\$ (798)	\$ (12,058)	\$ 75	\$ 1,976	\$ 4,416	\$ (21,557)	\$ (32,478)	\$ 8,408	\$ 26,851	\$ 49,688	\$ (6,848)
40. Medium General Service	\$	(46,713)	\$ 10,137	\$ 4,360	\$ 2,078	\$ (2,943)	\$ 3,049	\$ 693	\$ (160)	\$ (11,236)	\$ (13,576)	\$ 10,271	\$ 15,961	\$ 22,883	\$ (5,196)
41. Large General Service	\$	(132,722)	\$ 23,848	\$ 16,678	\$ 15,440	\$ 8,572	\$ 12,839	\$ 4,120	\$ (8,970)	\$ (31,913)	\$ (23,267)	\$ 29,854	\$ 35,193	\$ 58,002	\$ 7,674
42. Total (Over)/Under Recovery	\$	155,348	\$ 55,534	\$ (5,833)	\$ (49,797)	\$ 42,253	\$ 65,333	\$ 43,881	\$ (140,419)	\$ (201,989)	\$ 35,207	\$ 150,430	\$ 293,343	\$ (36,633)	
43. Cumulative (Over)/Under Recovery	\$	(479,924)	\$ (324,576)	\$ (269,042)	\$ (274,875)	\$ (324,672)	\$ (282,419)	\$ (217,086)	\$ (173,205)	\$ (313,624)	\$ (515,613)	\$ (480,406)	\$ (329,976)	\$ (36,633)	

SOUTH CAROLINA ELECTRIC & GAS COMPANY  
SUMMARY OF DISTRIBUTED ENERGY RESOURCE PROGRAM INCREMENTAL COSTS  
JANUARY 2017 - APRIL 2018

	12/31/2016	Actual							
	Balance	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017
<u>DERP Incremental Costs</u>									
1. NEM Incentive	\$	140,765	\$ 182,508	\$ 232,033	\$ 244,329	\$ 361,255	\$ 532,188	\$ 576,420	\$ 582,798
2. NEM Future Benefits	\$	15,507	\$ 22,418	\$ 31,473	\$ 36,963	\$ 5,458	\$ 5,775	\$ 5,431	\$ 5,545
3. NEM PBI	\$	15,644	\$ 20,643	\$ 27,052	\$ 29,427	\$ 33,936	\$ 33,105	\$ 29,748	\$ 29,313
4. DER Depreciation Costs	\$	17,701	\$ 17,714	\$ 17,732	\$ 19,726	\$ 19,735	\$ 19,734	\$ 23,243	\$ 23,290
5. BCA Incentive	\$	36,598	\$ 48,048	\$ 81,071	\$ 92,171	\$ 118,979	\$ 134,583	\$ 141,997	\$ 167,635
6. Community Solar	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7. Utility Scale Incentive	\$	10,543	\$ 13,587	\$ 15,684	\$ 16,577	\$ 17,658	\$ 26,354	\$ 42,216	\$ 55,446
8. Administrative & General Expenses	\$	228,051	\$ 164,522	\$ 149,668	\$ 166,925	\$ 175,667	\$ 234,166	\$ 165,050	\$ 152,838
9. Carrying Costs	\$	17,883	\$ 18,167	\$ 18,407	\$ 20,534	\$ 20,841	\$ 17,978	\$ 20,839	\$ 20,311
10. Total DERP Incremental Costs	\$	482,691	\$ 487,606	\$ 573,121	\$ 626,653	\$ 753,530	\$ 1,003,883	\$ 1,004,945	\$ 1,037,176
11. Revenue Recovery	\$	363,110	\$ 362,545	\$ 363,970	\$ 364,219	\$ 916,714	\$ 917,568	\$ 917,787	\$ 916,969
12. Monthly (Over)/Under	\$	119,581	\$ 125,061	\$ 209,151	\$ 262,434	\$ (163,184)	\$ 86,315	\$ 87,158	\$ 120,207
13. Adjustments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14. Unbilled DERP Incremental Revenue	\$	16,821	\$ (9,307)	\$ 14,185	\$ (21,341)	\$ (247,225)	\$ 49,416	\$ (36,615)	\$ (4,026)
15. Balance @ Period Ending	\$ 698,707	\$ 835,109	\$ 950,863	\$ 1,174,200	\$ 1,415,292	\$ 1,004,883	\$ 1,140,614	\$ 1,191,157	\$ 1,307,338
		Actual				Forecast			
		Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
<u>DERP Incremental Costs</u>									
16. NEM Incentive	\$	524,911	\$ 418,110	\$ 336,056	\$ 302,705	\$ 339,191	\$ 531,289	\$ 651,088	\$ 799,141
17. NEM Future Benefits	\$	5,365	\$ 5,046	\$ 4,292	\$ 3,746	\$ 4,110	\$ 5,661	\$ 6,936	\$ 8,513
18. NEM PBI	\$	27,253	\$ 25,002	\$ 20,101	\$ 16,869	\$ 17,643	\$ 24,007	\$ 28,387	\$ 33,660
19. DER Depreciation Costs	\$	23,306	\$ 26,838	\$ 28,779	\$ 28,816	\$ 28,852	\$ 29,607	\$ 29,996	\$ 33,849
20. BCA Incentive	\$	169,807	\$ 164,951	\$ 145,366	\$ 126,048	\$ 143,734	\$ 198,297	\$ 291,731	\$ 413,809
21. Community Solar	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22. Utility Scale Incentive	\$	70,644	\$ 63,101	\$ 48,307	\$ 46,459	\$ 73,048	\$ 89,045	\$ 105,292	\$ 124,851
23. Administrative & General Expenses	\$	121,459	\$ 81,784	\$ 116,871	\$ 206,445	\$ 122,974	\$ 168,000	\$ 168,000	\$ 168,000
24. Carrying Costs	\$	19,946	\$ 22,875	\$ 24,284	\$ 23,780	\$ 26,466	\$ 30,183	\$ 33,598	\$ 39,864
25. Total DERP Incremental Costs	\$	962,691	\$ 807,707	\$ 724,056	\$ 754,868	\$ 756,018	\$ 1,076,089	\$ 1,315,028	\$ 1,621,687
26. Revenue Recovery	\$	917,611	\$ 918,558	\$ 919,195	\$ 921,121	\$ 923,894	\$ 923,894	\$ 923,894	\$ 923,894
27. Monthly (Over)/Under	\$	45,080	\$ (110,851)	\$ (195,139)	\$ (166,253)	\$ (167,876)	\$ 152,195	\$ 391,134	\$ 697,793
28. Adjustments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29. Unbilled DERP Incremental Revenue	\$	5,483	\$ (29,914)	\$ (61,155)	\$ 3,450	\$ -	\$ -	\$ -	\$ -
30. Balance @ Period Ending	\$	1,357,901	\$ 1,217,136	\$ 960,842	\$ 798,039	\$ 630,163	\$ 782,358	\$ 1,173,492	\$ 1,871,285

EXHIBIT NO. 1 (A/R-8)

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF DISTRIBUTED ENERGY RESOURCE PROGRAM INCREMENTAL COSTS**  
**MAY 2018 - APRIL 2019**

	4/30/2018	Forecast											
	Balance	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019
<b>DERP Incremental Costs</b>													
1. NEM Incentive	\$	809,405	\$ 827,528	\$ 857,019	\$ 817,809	\$ 764,475	\$ 743,137	\$ 627,308	\$ 612,278	\$ 634,037	\$ 792,969	\$ 961,400	\$ 1,168,147
2. NEM Future Benefits	\$	(5,089)	\$ (5,202)	\$ (5,387)	\$ (5,140)	\$ (4,805)	\$ (4,670)	\$ (3,942)	\$ (3,848)	\$ (3,984)	\$ (4,983)	\$ (6,041)	\$ (7,339)
3. NEM PBI	\$	31,740	\$ 31,420	\$ 31,537	\$ 29,196	\$ 26,500	\$ 25,035	\$ 20,553	\$ 19,526	\$ 19,694	\$ 24,007	\$ 28,387	\$ 33,660
4. DER Depreciation Costs	\$	34,220	\$ 35,061	\$ 35,432	\$ 35,803	\$ 36,175	\$ 36,546	\$ 36,917	\$ 37,288	\$ 37,659	\$ 38,030	\$ 38,401	\$ 38,772
5. BCA Incentive	\$	399,664	\$ 395,633	\$ 397,118	\$ 367,631	\$ 333,689	\$ 315,234	\$ 258,805	\$ 245,865	\$ 247,987	\$ 302,293	\$ 357,449	\$ 423,847
6. Community Solar	\$	207,867	\$ 205,860	\$ 206,599	\$ 191,917	\$ 175,017	\$ 165,827	\$ 137,731	\$ 131,288	\$ 132,344	\$ 182,153	\$ 213,539	\$ 251,324
7. Utility Scale Incentive	\$	117,727	\$ 116,540	\$ 116,977	\$ 108,291	\$ 98,293	\$ 92,857	\$ 76,235	\$ 72,423	\$ 73,048	\$ 89,045	\$ 105,292	\$ 124,851
8. Administrative & General Expenses	\$	168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000	\$ 168,000
9. Carrying Costs	\$	43,345	\$ 48,465	\$ 51,988	\$ 55,535	\$ 59,106	\$ 62,701	\$ 66,321	\$ 69,965	\$ 73,634	\$ 77,328	\$ 81,048	\$ 84,792
10. Total DERP Incremental Costs	\$	1,806,879	\$ 1,823,305	\$ 1,859,283	\$ 1,769,042	\$ 1,656,450	\$ 1,604,667	\$ 1,387,928	\$ 1,352,785	\$ 1,382,419	\$ 1,668,842	\$ 1,947,475	\$ 2,286,054
15. Balance @ Period Ending	\$	1,871,285	\$ 3,678,164	\$ 5,501,469	\$ 7,360,752	\$ 9,129,794	\$ 10,786,244	\$ 12,390,911	\$ 13,778,839	\$ 15,131,624	\$ 16,514,043	\$ 18,182,885	\$ 20,130,360
<b>Demand Allocations</b>													
16. Residential													47.36%
17. Small & Medium General Service													29.15%
18. Large General Service													23.49%
<b>Class Allocation of Costs</b>													
19. Residential													\$ 10,616,414
20. Small & Medium General Service													\$ 6,534,385
21. Large General Service													\$ 5,265,616
<b>Average Customers</b>													
22. Residential													628,180
23. Small & Medium General Service													101,480
24. Large General Service													320
<b>Annual Rate Calculation</b>													
25. Residential													\$ 16.90
26. Small & Medium General Service													\$ 64.39
27. Large General Service													\$ 16,455.05
<b>Monthly Rate Calculation</b>													
28. Residential <sup>1</sup>													\$ 1.00
29. Small & Medium General Service													\$ 5.37
30. Large General Service <sup>2</sup>													\$ 100.00

<sup>1</sup> - Residential Incremental Charges per Account are capped at \$1 per month in compliance with S.C. Code Ann. § 58-39-150.

<sup>2</sup> - Large General Service Incremental Charges per Account are capped at \$100 per month in compliance with S.C. Code Ann. § 58-39-150.

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**  
**SUMMARY OF BASE FUEL COSTS**  
**COMPANY PROPOSAL TO MAINTAIN BASE FUEL COMPONENT AT CURRENT LEVEL**  
**MAY 2018 - APRIL 2019**

	Forecast					
	May 2018	Jun 2018	Jul 2018	Aug 2018	Sept 2018	Oct 2018
1. Fossil Fuel Costs	\$ 34,197,000	\$ 39,043,000	\$ 41,480,000	\$ 42,252,000	\$ 33,343,000	\$ 38,039,000
2. Nuclear Fuel Costs	\$ 4,727,000	\$ 4,472,000	\$ 4,619,000	\$ 4,701,000	\$ 4,472,000	\$ 763,000
3. Fuel Costs in Purchased Power and Interchange Received	\$ 13,827,000	\$ 16,204,000	\$ 17,295,000	\$ 17,405,000	\$ 15,278,000	\$ 14,638,000
4. Less: Fuel Costs in Intersystem Sales	\$ 69,000	\$ 93,000	\$ 70,000	\$ 46,000	\$ 186,000	\$ 71,000
5. Total Fuel Costs (Lines 1+2+3-4)	\$ 52,682,000	\$ 59,626,000	\$ 63,324,000	\$ 64,312,000	\$ 52,905,000	\$ 53,369,000
6. Total System Sales Excluding Intersystem Sales (kWh)	1,801,100,000	2,062,100,000	2,267,200,000	2,327,700,000	2,040,300,000	1,819,200,000
7. Total Fuel Cost Per kWh Sales	\$ 0.029250	\$ 0.028915	\$ 0.027930	\$ 0.027629	\$ 0.025930	\$ 0.029337
8. Less Base Fuel Cost Per kWh Included in Rates	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451
9. Fuel Adjustment Per kWh	\$ 0.00474	\$ 0.00441	\$ 0.00342	\$ 0.00312	\$ 0.00142	\$ 0.00483
10. Retail kWh Sales	1,726,600,000	1,977,400,000	2,176,500,000	2,238,900,000	1,965,000,000	1,753,600,000
11. Over / Under Recovery Revenue	\$ 8,184,084	\$ 8,720,334	\$ 7,443,630	\$ 6,985,368	\$ 2,790,300	\$ 8,469,888
12. Estimated Carrying Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13. Fixed Capacity Charges & Adjustments	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)
14. Unbilled Fuel Cost Recovery Adjustment	\$ (2,651,216)	\$ (2,474,772)	\$ (1,721,148)	\$ 493,448	\$ 4,018,124	\$ 2,302,980
15. Net Over / Under Recovery Revenue	\$ 3,948,594	\$ 4,661,288	\$ 4,138,208	\$ 5,894,542	\$ 5,224,150	\$ 9,188,594
16. Cumulative (Over) Under Balance	\$ (50,536,981)	\$ (46,588,387)	\$ (37,788,891)	\$ (31,894,349)	\$ (26,670,199)	\$ (17,481,605)

	Forecast					
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019
17. Fossil Fuel Costs	\$ 43,187,000	\$ 38,060,000	\$ 39,452,000	\$ 32,842,000	\$ 27,100,000	\$ 26,828,000
18. Nuclear Fuel Costs	\$ 1,037,000	\$ 4,594,000	\$ 4,594,000	\$ 4,147,000	\$ 4,594,000	\$ 4,442,000
19. Fuel Costs in Purchased Power and Interchange Received	\$ 10,051,000	\$ 12,112,000	\$ 12,416,000	\$ 10,846,000	\$ 11,439,000	\$ 10,179,000
20. Less: Fuel Costs in Intersystem Sales	\$ 98,000	\$ 76,000	\$ 75,000	\$ 144,000	\$ 176,000	\$ 105,000
21. Total Fuel Costs (Lines 1+2+3-4)	\$ 54,177,000	\$ 54,690,000	\$ 56,387,000	\$ 47,691,000	\$ 42,957,000	\$ 41,344,000
22. Total System Sales Excluding Intersystem Sales (kWh)	1,629,300,000	1,848,400,000	2,059,000,000	1,926,200,000	1,771,400,000	1,687,200,000
23. Total Fuel Cost Per kWh Sales	\$ 0.033252	\$ 0.029588	\$ 0.027386	\$ 0.024759	\$ 0.024250	\$ 0.024505
24. Less Base Fuel Cost Per kWh Included in Rates	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451	\$ 0.02451
25. Fuel Adjustment Per kWh	\$ 0.00874	\$ 0.00508	\$ 0.00288	\$ 0.00025	\$ (0.00026)	\$ (0.00001)
26. Retail kWh Sales	1,560,300,000	1,770,400,000	1,955,300,000	1,834,500,000	1,679,600,000	1,601,300,000
27. Over / Under Recovery Revenue	\$ 13,637,022	\$ 8,993,632	\$ 5,631,264	\$ 458,625	\$ (436,696)	\$ (16,013)
28. Estimated Carrying Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29. Fixed Capacity Charges & Adjustments	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)	\$ (1,584,274)
30. Unbilled Fuel Cost Recovery Adjustment	\$ (3,087,910)	\$ (2,021,378)	\$ (1,048,828)	\$ 5,072,959	\$ 1,072,956	\$ 44,785
31. Net Over / Under Recovery Revenue	\$ 8,964,838	\$ 5,387,980	\$ 2,998,162	\$ 3,947,310	\$ (948,014)	\$ (1,555,502)
32. Cumulative (Over) Under Balance	\$ (8,516,767)	\$ (3,128,787)	\$ (130,625)	\$ 3,816,685	\$ 2,868,671	\$ 1,313,169

**SOUTH CAROLINA ELECTRIC & GAS COMPANY  
CALCULATION OF TOTAL FUEL COST FACTORS BY CUSTOMER CLASS  
FOR THE PERIOD MAY 2018 THROUGH APRIL 2019**

Class	Cents / kWh			
	Base Fuel Cost Component (from Exhibit 10)	Variable Environmental and Avoided Capacity Cost Component (from Exhibit 5)	Distributed Energy Resource Program Avoided Costs Component (from Exhibit 7)	Total Fuel Costs Factor
Residential	2.4511	0.083	0.042	2.576
Small General Service	2.4511	0.075	0.038	2.564
Medium General Service	2.4511	0.063	0.032	2.546
Large General Service	2.4511	0.039	0.019	2.509
Lighting	2.4511	0.000	0.000	2.4511

Class	Costs Per Account Per Month
	Distributed Energy Resource Program Incremental Costs Component (from Exhibit 9)
Residential	\$1.00
Small// Medium General Service	\$5.37
Large General Service	\$100.00

EXHIBIT NO. \_\_\_\_ (AWR-11)

## SOUTH CAROLINA ELECTRIC &amp; GAS COMPANY

## ELECTRICITY

ADJUSTMENT FOR FUEL, VARIABLE ENVIRONMENTAL & AVOIDED CAPACITY,  
AND DISTRIBUTED ENERGY RESOURCE COSTSRETAIL RATES  
(Page 1 of 2)

## APPLICABILITY

This adjustment is applicable to and is part of the Utility's South Carolina retail electric rate schedules.

The fuel, variable environmental & avoided capacity, and DER avoided costs, to be recovered in an amount rounded to the nearest one-thousandth of a cent per kilowatt-hour, will be determined by the following formulas:

$$F_e = \frac{E_F}{S} + \frac{G_F}{S_1}$$

$$F_{EC} = \frac{E_{EC} + G_{EC}}{S_2}$$

$$F_{AC} = \frac{E_{AC} + G_{AC}}{S_2}$$

## Total Fuel Rate

$$\text{per kWh} = F_e + F_{EC} + F_{AC}$$

## Where:

$F_e$  = Fuel cost per kilowatt-hour included in base rate, rounded to the nearest one-thousandth of a cent.

$E_F$  = Total projected system fuel costs:

- (A) Fuel consumed in the Utility's own plants and the Utility's share of fuel consumed in jointly owned or leased plants. The cost of fossil fuel shall include no items other than those listed in Account 151 of the Commission's Uniform System of Accounts for Public Utilities and Licensees. The cost of nuclear fuel shall be that as shown in Account 518 excluding rental payments on leased nuclear fuel and except that, if Account 518 also contains any expense for fossil fuel which has already been included in the cost of fossil fuel, it shall be deducted from this account.

## PLUS

- (B) Fuel costs related to purchased power such as those incurred in unit power and limited term power purchases where the fossil fuel costs associated with energy purchased are identifiable and are identified in the billing statement, and also including avoided energy costs incurred by the Utility. Also, the cost of "firm generation capacity purchases," which are defined as purchases made to cure a capacity deficiency or to maintain adequate reserve levels. Costs of "firm generation capacity purchases" includes the total delivered costs of firm generation capacity purchased and excludes generation capacity reservation charges, generation capacity option charges and any other capacity charges.

## PLUS

- (C) Fuel costs related to purchased power (including transmission charges), such as short term, economy and other such purchases, where the energy is purchased on an economic dispatch basis, including the total delivered cost of economy purchases of electric power defined as purchases made to displace higher cost generation at a cost which is less than the purchasing Utility's avoided variable costs for the generation of an equivalent quantity of electric power.

Energy receipts that do not involve money payments such as diversity energy and payback of storage energy are not defined as purchased or interchange power relative to this fuel calculation.

## MINUS

- (D) The cost of fuel recovered through intersystem sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.

Energy deliveries that do not involve billing transactions such as diversity energy and payback of storage energy are not defined as sales relative to this fuel calculation.

$S$  = Projected system kilowatt-hour sales excluding any intersystem sales.

$G_F$  = Cumulative difference between jurisdictional fuel revenues billed and fuel expenses at the end of the month preceding the projected period utilized in  $E_F$  and  $S$ .

$S_1$  = Projected jurisdictional kilowatt-hour sales, for the period covered by the fuel costs included in  $E_F$ .

$F_{EC}$  = Customer class variable environmental and avoided capacity costs per kilowatt-hour included in base rates, rounded to the nearest one-thousandth of a cent.

## SOUTH CAROLINA ELECTRIC &amp; GAS COMPANY

## ELECTRICITY

ADJUSTMENT FOR FUEL, VARIABLE ENVIRONMENTAL & AVOIDED CAPACITY,  
AND DISTRIBUTED ENERGY RESOURCE COSTS

## RETAIL RATES

(Page 2 of 2)

$E_{EE}$  = The projected variable environmental costs including: a) the cost of ammonia, lime, limestone, urea, dibasic acid, and catalysts consumed in reducing or treating emissions, plus b) the cost of emission allowances, as used, including allowances for SO<sub>2</sub>, NO<sub>x</sub>, mercury and particulates minus net proceeds of sales of emission allowances, and c) as approved by the Commission, all other variable environmental costs incurred in relation to the consumption of fuel and air emissions caused thereby, including but not limited to environmental reagents, other environmental allowances, and emission related taxes. Any environmental related costs recovered through intersystem sales would be subtracted from the totals produced by subparts a), b), and c). This component also includes avoided capacity costs incurred by the Utility.

These environmental and avoided capacity costs will be allocated to retail customer classes based upon the customer class firm peak demand allocation from the prior year.

$G_{EE}$  = Cumulative difference between jurisdictional customer class environmental fuel revenues billed and jurisdictional customer class environmental costs at the end of the month preceding the projected period utilized in  $E_{EE}$  and  $S_2$ .

$F_{AC}$  = Customer class DER avoided costs per kilowatt-hour included in base rates, rounded to the nearest one-thousandth of a cent.

$E_{AC}$  = The projected DER avoided costs paid to distributed generators as most recently determined by the Public Service Commission of South Carolina. These avoided costs will be allocated to retail electric customer classes based upon the customer class firm peak demand allocation from the prior year.

$G_{AC}$  = Cumulative difference between jurisdictional customer class avoided cost revenues billed and jurisdictional customer class avoided costs at the end of the month preceding the projected period utilized in  $E_{AC}$  and  $S_2$ .

$S_2$  = The projected jurisdictional customer class kilowatt-hour sales.

The appropriate revenue-related tax factor is to be included in these calculations.

## FUEL RATES PER KWH BY CLASS

The total fuel costs in cents per kilowatt-hour by customer class as determined by the Public Service Commission of South Carolina in Order No. \_\_\_\_ are as follows for the period May, 2018 through April, 2019:

Customer Class	$F_C$ Rate	+	$F_{EE}$ Rate	+	$F_{AC}$ Rate	=	Total Fuel Rate
Residential	2.451		0.083		0.042		2.576
Small General Service	2.451		0.075		0.038		2.564
Medium General Service	2.451		0.063		0.032		2.546
Large General Service	2.451		0.039		0.019		2.509
Lighting	2.451		0.000		0.000		2.451

The incremental costs associated with SCE&G's Distributed Energy Resource Programs, to be recovered in an amount rounded to the nearest cent per account, will be determined by the following formulas:

## Total Fuel Rate per Account

$$F_{IC} = \frac{E_{DC} + G_{DC}}{C}$$

Where:

$F_{IC}$  = Fuel cost per account included in base rate, rounded to the nearest cent, not to exceed \$12 for residential customers, \$120 for small/medium general service customers, and \$1,200 for large general service customers.

$E_{DC}$  = The projected incremental costs associated with SCE&G's Distributed Energy Resource Program as determined by the Public Service Commission of South Carolina

$G_{DC}$  = Cumulative difference between jurisdictional customer class distributed energy component revenues billed and jurisdictional customer class incremental costs associated with SCE&G's Distributed Energy Resource Program at the end of the month preceding the projected period utilized in  $E_{DC}$  and  $C$ .

$C$  = The jurisdictional customer class account totals.

## FUEL RATES PER ACCOUNT PER MONTH BY CLASS

The total fuel costs in dollars per account by customer class as determined by the Public Service Commission of South Carolina in Order No. \_\_\_\_ are as follows for the period May, 2018 through April, 2019:

Customer Class	$F_{IC}$ Rate
Residential	\$ 1.00
Small & Medium General Service	\$ 5.37
Large General Service	\$ 100.00

Effective Upon Approval by the Public  
Service Commission of South Carolina

## SOUTH CAROLINA ELECTRIC &amp; GAS COMPANY

## ELECTRICITY

## RATE PR-1

## SMALL POWER PRODUCTION, COGENERATION

## AVAILABILITY

Available to Small Power Producers and Cogenerators that are a Qualifying Facility as defined by the Federal Energy Regulatory Commission (FERC) Order No. 70 under Docket No. RM 79-54. This schedule is not available for Qualifying Facilities that have power production capacity greater than 100 KW.

## CHARACTER OF SERVICE

Energy supplied by the Qualifying Facility must be at 60 hertz and voltage, phase and power factor approved by the Company.

Energy supplied by the Qualifying Facility must be at a voltage level compatible with the voltage level of the Company's system at the point of delivery.

**MONTHLY RATE FOR NON-SOLAR QUALIFYING FACILITIES**  
(Seller Charges & Credits)

For Qualifying Facilities, Company will pay Seller a monthly credit equal to the Energy Credit and the Capacity Credit reduced by the Seller Charge.

**I. Energy Credit:**

Company shall pay Seller the following rates per KWH for energy delivered by the Seller to Company's system.

	<b>Summer</b> (June -September)		<b>Winter</b> (October-May)	
1. <b>On-Peak</b>	\$0.03590	\$0.03233	\$0.03801	\$0.03445
2. <b>Off-Peak</b>	\$0.03079	\$0.02886	\$0.03549	\$0.03298

The South Carolina Power Excise Tax of \$.0005 per KWH is included in the energy credits above.

**DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS FOR ENERGY CREDITS****A. On-Peak Hours:**

Summer Months of June - September:

The on-peak Summer hours are defined to be 10:00 a.m.-10:00 p.m. Monday-Friday.

Winter Months of October - May:

1. November through April: The on-peak hours are defined as those hours between 6:00 a.m.-1:00 p.m. and 5:00 p.m.-10:00 p.m., Monday-Friday.

2. October and May: The on-peak hours are defined as those hours between 10:00 a.m.-10:00p.m., Monday-Friday.

**B. Off-Peak Hours:**

The off-peak hours in any month are defined as all hours not specified as on-peak hours.

**II. Capacity Credit:**

In addition to the energy credit, the Company shall pay the Seller ~~\$0.02079~~ \$0.00000 per kWh for energy delivered by the Seller to the Company's system during the on-peak hours defined for energy credits above critical peak Summer hours. The Company shall pay the Seller \$0.00715 per kWh for energy delivered by the Seller to the Company's system during critical peak Winter hours.

**DETERMINATION OF CRITICAL PEAK HOURS FOR CAPACITY CREDITS****A. Critical Peak Hours:**

Summer Months of June--August:

The critical peak Summer hours are defined to be 2:00 p.m.--6:00 p.m. Monday-Friday.

Winter Months of December--February:

The critical peak Winter hours are defined to be 6:00 a.m.--9:00 a.m. Monday-Friday.

**MONTHLY RATE FOR SOLAR QUALIFYING FACILITIES**  
(Seller Charges & Credits)

**I. Energy Credit:**

Company shall pay Seller the following rates per KWH for energy delivered by the Seller to Company's system.

<b>All kWh:</b>	<b>\$0.03256</b>
-----------------	------------------

The South Carolina Power Excise Tax of \$.0005 per KWH is included in the energy credits above.

**II. Capacity Credit:**

In addition to the energy credit, the Company shall pay the Seller \$0.00000 per kWh for energy delivered by the Seller to the Company's system.

**III. Seller Charge (Applicable to both Non-Solar and Solar Qualifying Facilities):**

Seller shall pay the following Seller Charge each monthly billing period \$ 4.50

**BILLING MONTH**

A Billing Month is defined in this schedule as the time period between successive meter readings for the purpose of monthly billing. Readings are taken approximately once each month.

**MONTHLY RATE DETERMINATION**

The Seller will be liable to the Company each billing month for the Seller Charge regardless of the amount of energy delivered by the Seller to the Company.

The Company will be liable to the Seller each billing month an amount determined as the total kWh delivered to the Company's system times the cost per kWh as specified herein.

**PAYMENT TERMS**

Payments due the Seller under this schedule shall be payable to the Seller within fifteen (15) days of the billing date.

Payment due the Company under this schedule is due and payable to the Company within fifteen (15) days of the billing date.

**LIMITING PROVISIONS**

Company shall not be liable for purchase of electricity from Qualifying Facility until such facility and Company have executed an Agreement for Purchase of Power from Small Power Production facility or Cogeneration Facility.

Effective Upon Approval of the  
Public Service Commission of South Carolina



## SOUTH CAROLINA ELECTRIC &amp; GAS COMPANY

## ELECTRICITY

## RATE PR-1

## SMALL POWER PRODUCTION, COGENERATION

## AVAILABILITY

Available to Small Power Producers and Cogenerators that are a Qualifying Facility as defined by the Federal Energy Regulatory Commission (FERC) Order No. 70 under Docket No. RM 79-54. This schedule is not available for Qualifying Facilities that have power production capacity greater than 100 KW.

## CHARACTER OF SERVICE

Energy supplied by the Qualifying Facility must be at 60 hertz and voltage, phase and power factor approved by the Company.

Energy supplied by the Qualifying Facility must be at a voltage level compatible with the voltage level of the Company's system at the point of delivery.

## MONTHLY RATE FOR NON-SOLAR QUALIFYING FACILITIES

(Seller Charges & Credits)

For Qualifying Facilities, Company will pay Seller a monthly credit equal to the Energy Credit and the Capacity Credit reduced by the Seller Charge.

## I. Energy Credit:

Company shall pay Seller the following rates per KWH for energy delivered by the Seller to Company's system.

	<u>Summer</u> (June -September)	<u>Winter</u> (October-May)
1. On-Peak	\$0.03233	\$0.03445
2. Off-Peak	\$0.02886	\$0.03298

The South Carolina Power Excise Tax of \$.0005 per KWH is included in the energy credits above.

## DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS FOR ENERGY CREDITS

## A. On-Peak Hours:

Summer Months of June - September:

The on-peak Summer hours are defined to be 10:00 a.m.-10:00 p.m. Monday-Friday.

Winter Months of October - May:

1. November through April: The on-peak hours are defined as those hours between 6:00 a.m.-1:00 p.m. and 5:00 p.m.-10:00 p.m., Monday-Friday.

2. October and May: The on-peak hours are defined as those hours between 10:00 a.m.-10:00p.m., Monday-Friday.

## B. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified as on-peak hours.

## II. Capacity Credit:

In addition to the energy credit, the Company shall pay the Seller \$0.00000 per kWh for energy delivered by the Seller to the Company's system during the on-peak hours defined for energy credits above.

## MONTHLY RATE FOR SOLAR QUALIFYING FACILITIES

(Seller Charges & Credits)

## I. Energy Credit:

Company shall pay Seller the following rates per KWH for energy delivered by the Seller to Company's system.

All kWh: \$0.03256

The South Carolina Power Excise Tax of \$.0005 per KWH is included in the energy credits above.

## II. Capacity Credit:

In addition to the energy credit, the Company shall pay the Seller \$0.00000 per kWh for energy delivered by the Seller to the Company's system.

## Seller Charge (Applicable to both Non-Solar and Solar Qualifying Facilities):

Seller shall pay the following Seller Charge each monthly billing period \$ 4.50

## BILLING MONTH

A Billing Month is defined in this schedule as the time period between successive meter readings for the purpose of monthly billing. Readings are taken approximately once each month.

## MONTHLY RATE DETERMINATION

The Seller will be liable to the Company each billing month for the Seller Charge regardless of the amount of energy delivered by the Seller to the Company.

The Company will be liable to the Seller each billing month an amount determined as the total kWh delivered to the Company's system times the cost per kWh as specified herein.

## PAYMENT TERMS

Payments due the Seller under this schedule shall be payable to the Seller within fifteen (15) days of the billing date.

Payment due the Company under this schedule is due and payable to the Company within fifteen (15) days of the billing date.

## LIMITING PROVISIONS

Company shall not be liable for purchase of electricity from Qualifying Facility until such facility and Company have executed an Agreement for Purchase of Power from Small Power Production facility or Cogeneration Facility.

## RATE PR-2

SOLAR SMALL POWER PRODUCTION ~~COGENERATION~~

(Page 1 of 2)

## AVAILABILITY

Available to ~~Small~~ Power Producers ~~deploying Solar PV generation and Cogenerators~~ that are a Qualifying Facility as defined by the Federal Energy Regulatory Commission (FERC) Order No. 70 under Docket No. RM 79-54 that have power production capacity greater than 100 kW and less than or equal to 80 MW, and entering into a power purchase agreement ("Seller") with South Carolina Electric & Gas Company. This schedule is not available for Qualifying Facilities that have power production capacity greater than 80 MW or equal to or less than 100 kW.

## CHARACTER OF SERVICE

Energy supplied by the Qualifying Facility must be at 60 hertz and voltage, phase and power factor approved by the Company.

Energy supplied by the Qualifying Facility must be at a voltage level compatible with the voltage level of the Company's system at the point of delivery.

## MONTHLY RATES

For a Qualifying Facility as described in the Availability section above, the Company will pay Seller an amount equal to the Energy Payment and the Capacity Payment reduced by the Seller Charge. The Company will pay this amount monthly.

## I. Energy Payment:

Company shall pay the Seller the following rates per kWh for energy delivered by the Seller to Company's system:

## A. For the period 20178 - 20212:

All kWh:		\$ 0.02853	
		For Energy Supplied at Transmission Level	For Energy Supplied at Distribution Level
		Summer (Jun.—Sep.)	Non-Summer (Oct.—May)
1. On-Peak		\$ 0.03384	\$ 0.03483
2. Off-Peak		\$ 0.02845	\$ 0.03170

## B. For the period 20223 - 20267:

All kWh:		\$ 0.02994	
		For Energy Supplied at Transmission Level	For Energy Supplied at Distribution Level
		Summer (Jun.—Sep.)	Non-Summer (Oct.—May)
1. On-Peak		\$ 0.03645	\$ 0.03200
2. Off-Peak		\$ 0.02679	\$ 0.02726

## C. For the period 20278 - 20312:

All kWh:		\$ 0.03414	
		For Energy Supplied at Transmission Level	For Energy Supplied at Distribution Level
		Summer (Jun.—Sep.)	Non-Summer (Oct.—May)
1. On-Peak		\$ 0.04070	\$ 0.03587
2. Off-Peak		\$ 0.03040	\$ 0.02935

The South Carolina Power Excise Tax of \$.0005 per kWh is included in the energy payments above.

Transmission Level is defined as voltages equal to or greater than 33 kV. Distribution Level is defined as voltages less than 33 kV.

## DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS FOR ENERGY PAYMENTS

## A. On-Peak Hours:

Summer Months of June—September:

The on-peak Summer hours are defined to be 10:00 a.m.—10:00 p.m., Monday–Friday.

Non-Summer Months of October—May:

1. November through April: The on-peak hours are defined as those hours between 6:00 a.m. – 4:00 p.m. and 5:00 p.m. – 10:00 p.m., Monday–Friday.

2. October and May: The on-peak hours are defined as those hours between 10:00 a.m.—10:00 p.m., Monday–Friday.

## B. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified as on-peak hours.

SOUTH CAROLINA ELECTRIC &amp; GAS COMPANY

ELECTRICITY

RATE PR-2

SOLAR SMALL POWER PRODUCTION COGENERATION

(Page 2 of 2)

**II. Capacity Payment:**

In addition to the energy payment, the Company shall pay the Seller a the following capacity payment of \$0.00000 per kWh for energy delivered by the Seller to the Company's system during Critical Peak hours.

For Energy Supplied at Transmission Level		For Energy Supplied at Distribution Level	
Summer (Jun.-Aug.)	Winter (Dec.-Feb.)	Summer (Jun.-Aug.)	Winter (Dec.-Feb.)
\$ 0.01965	\$ 0.00675	\$ 0.01965	\$ 0.00675

Transmission Level is defined as voltages equal to or greater than 33 kV. Distribution Level is defined as voltages less than 33 kV.

**DETERMINATION OF CRITICAL PEAK HOURS FOR CAPACITY PAYMENTS****A. Critical Peak Hours:**

Summer Months of June—August:

The critical peak Summer hours are defined to be 2:00 p.m.—6:00 p.m. Monday-Friday.

Winter Months of December—February:

The critical peak Winter hours are defined to be 6:00 a.m.—9:00 a.m. Monday-Friday.

**III. Seller Charge:**

Seller shall pay the following Seller Charge each monthly billing period: \$ 45.00

**BILLING MONTH**

A Billing Month is defined in this schedule as the time period between successive meter readings for the purpose of monthly billing. Readings are taken approximately once each month.

**MONTHLY RATE DETERMINATION**

The Seller will be liable to the Company each billing month for the Seller Charge regardless of the amount of energy delivered by the Seller to the Company.

The Company will be liable to the Seller each billing month for an amount determined as the total kWh delivered to the Company's system times the cost per kWh as specified herein.

**PAYMENT TERMS**

Payments due the Seller under this schedule shall be payable to the Seller within fifteen (15) days of the billing date.

Payment due the Company under this schedule is due and payable to the Company within fifteen (15) days of the billing date.

**LIMITING PROVISIONS**

Company shall not be liable for purchase of electricity from a Qualifying Facility until such facility and Company have executed a power purchase agreement.

## SOUTH CAROLINA ELECTRIC &amp; GAS COMPANY

## ELECTRICITY

## RATE PR-2

## SOLAR POWER PRODUCTION

## AVAILABILITY

Available to Power Producers deploying Solar PV generation that are a Qualifying Facility as defined by the Federal Energy Regulatory Commission (FERC) Order No. 70 under Docket No. RM 79-54 that have power production capacity greater than 100 kW and less than or equal to 80 MW, and entering into a power purchase agreement ("Seller") with South Carolina Electric & Gas Company. This schedule is not available for Qualifying Facilities that have power production capacity greater than 80 MW or equal to or less than 100 KW.

## CHARACTER OF SERVICE

Energy supplied by the Qualifying Facility must be at 60 hertz and voltage, phase and power factor approved by the Company.

Energy supplied by the Qualifying Facility must be at a voltage level compatible with the voltage level of the Company's system at the point of delivery.

## MONTHLY RATES

For a Qualifying Facility as described in the Availability section above, the Company will pay Seller an amount equal to the Energy Payment and the Capacity Payment reduced by the Seller Charge. The Company will pay this amount monthly.

## I. Energy Payment:

Company shall pay the Seller the following rates per kWh for energy delivered by the Seller to Company's system:

## A. For the period 2018 - 2022:

All kWh: \$ 0.02853

## B. For the period 2023 - 2027:

All kWh: \$ 0.02994

## C. For the period 2028 - 2032:

All kWh: \$ 0.03414

The South Carolina Power Excise Tax of \$.0005 per kWh is included in the energy payments above.

## II. Capacity Payment:

In addition to the energy payment, the Company shall pay the Seller a capacity payment of \$0.00000 per kWh for energy delivered by the Seller to the Company's system.

## III. Seller Charge:

Seller shall pay the following Seller Charge each monthly billing period: \$ 45.00

## BILLING MONTH

A Billing Month is defined in this schedule as the time period between successive meter readings for the purpose of monthly billing. Readings are taken approximately once each month.

## MONTHLY RATE DETERMINATION

The Seller will be liable to the Company each billing month for the Seller Charge regardless of the amount of energy delivered by the Seller to the Company.

The Company will be liable to the Seller each billing month for an amount determined as the total kWh delivered to the Company's system times the cost per kWh as specified herein.

## PAYMENT TERMS

Payments due the Seller under this schedule shall be payable to the Seller within fifteen (15) days of the billing date.

Payment due the Company under this schedule is due and payable to the Company within fifteen (15) days of the billing date.

## LIMITING PROVISIONS

Company shall not be liable for purchase of electricity from a Qualifying Facility until such facility and Company have executed a power purchase agreement.

## RIDER TO RETAIL RATES

NET ENERGY METERING FOR  
RENEWABLE ENERGY FACILITIES ("NEM")  
(Page 1 of 4)

## AVAILABILITY

This rider is available in conjunction with the Company's Retail Electric Service Rates, for a Customer-Generator. The customer's generating system must be manufactured, installed and operated in accordance with governmental and industry standards and must fully conform with the Company's current interconnection standards as approved by the Public Service Commission of South Carolina.

This rider is available on a first come, first serve basis until the total nameplate generating capacity of net energy metering systems equals 2% of the previous five-year average of the Company's South Carolina retail electric peak demand.

## CHARACTER OF SERVICE

The applicable character of service is specific to the rate schedule that the customer receives service under.

## RATE PER MONTH

The applicable rate per month shall be from the appropriate rate schedule as referenced in the availability section above. The monthly bill shall be determined as follows:

## For electric service under a time-of-use rate schedule:

1. The basic facilities charge shall be determined and billed as set forth in the applicable rate schedule as described in the Availability section above.
2. Any demand charges shall be determined and billed as set forth in the applicable rate schedule as described in the Availability section above.
3. If a customer-generator's energy consumption exceeds the electricity provided by the customer-generator during a monthly billing period, the customer-generator shall be billed in kWh for the net electricity supplied by the Utility.

If a customer-generator's energy generation exceeds the electricity provided by the Utility during a monthly billing period, the customer-generator shall be credited for the excess kWh generated during that billing period.

Energy charges (or credits) shall be based on the rates in the applicable rate schedules as described in the availability section above. For on-peak energy, the customer's monthly usage amount in kilowatt-hours shall be reduced by the total of (a) any on-peak excess energy delivered to the Company in the current month plus (b) any accumulated on-peak excess energy balance remaining from prior months. Total on-peak energy in kilowatt-hours billed to customers shall never be less than zero. For off-peak energy, the customer's monthly usage shall be reduced by the total of (a) any off-peak excess energy delivered to the Company in the current month plus (b) any accumulated off-peak excess energy balance remaining from prior months plus (c) any accumulated on-peak excess energy balance from the current month or prior months that was not used to reduce on-peak usage. Total off-peak energy in kilowatt-hours billed to customers shall also never be less than zero. For any billing month during which excess energy exceeds the customer's usage in total, producing a net credit, the respective energy charges for the billing month shall be zero. Any excess energy credits shall carry forward on the following month's bill by first applying excess on-peak kWh against on-peak kWh charges and excess off-peak kWh against off-peak kWh charges, then applying any remaining on-peak kWh against any remaining off-peak kWh charges. Credits shall not offset the basic facilities charge or the demand charge for the applicable rate schedule.

4. Excess energy not used in the current billing month to reduce billed kWh usage shall be accumulated and used to reduce usage in future months. For all affected billing statements rendered during November billing cycles, any accumulated excess energy not used to reduce billed kWh usage shall be paid to the customer-generator at the Company's avoided cost, zeroing out the customer generator's account of excess energy. The avoided cost is the off-peak winter energy credit as approved in the Company's Rate PR-1, Small Power Production and Cogeneration schedule.

## RIDER TO RETAIL RATES

NET ENERGY METERING FOR  
RENEWABLE ENERGY FACILITIES ("NEM")  
(Page 2 of 4)

For electric service under a standard, non time-of-use rate schedule:

1. The basic facilities charge shall be determined and billed as set forth in the applicable rate schedule as described in the Availability section above.
2. Any demand charges shall be determined and billed as set forth in the applicable rate schedule as described in the Availability section above.
3. If a customer-generator's energy consumption exceeds the electricity provided by the customer-generator during a monthly billing period, the customer-generator shall be billed in kWh for the net electricity supplied by the Utility.

If a customer-generator's energy generation exceeds the electricity provided by the Utility during a monthly billing period, the customer-generator shall be credited for the excess kWh generated during that billing period.

Energy charges (or credits) shall be based on the rates in the applicable rate schedules as described in the availability section above. For purposes of calculating monthly energy, the customer's usage shall be reduced by the total of (a) any excess energy delivered to the Company in the current month plus (b) any accumulated excess energy balance remaining from prior months. Total energy in kilowatt-hours billed to customers shall never be less than zero. For any billing month during which excess energy exceeds the customer's usage in total, producing a net credit, the respective energy charges for the billing month shall be zero. Credits shall not offset the basic facilities charge or the demand charge for the applicable rate schedule.

4. Excess energy not used in the current billing month to reduce billed kWh usage shall be accumulated and used to reduce usage in future months. For all affected billing statements rendered during November billing cycles, any accumulated excess energy not used to reduce billed kWh usage shall be paid to the customer-generator at the Company's avoided cost, zeroing out the customer generator's account of excess energy. The avoided cost is the off-peak winter energy credit as approved in the Company's Rate PR-1, Small Power Production and Cogeneration schedule.

## MINIMUM CHARGE

The monthly minimum charge shall be the basic facilities charge plus the demand charge, if any, as stated in the applicable rate.

## DEFINITIONS

1. Customer-Generator means the owner, operator, lessee, or customer-generator lessee of an electric energy generation unit which:
  - (A) generates electricity from a Renewable Energy Resource;
  - (B) has an electrical generating system with a capacity of:
    - (i) not more than the lesser of one thousand kilowatts (1,000 kW AC) or one hundred percent (100%) of contract demand if a non-residential customer; or
    - (ii) not more than twenty kilowatts (20 kW AC) if a residential customer;
  - (C) is located on a single premises owned, operated, leased, or otherwise controlled by the customer;
  - (D) is interconnected and operates in parallel phase and synchronization with an electrical utility and complies with the applicable interconnection standards;
  - (E) is intended primarily to offset part or all of the customer-generator's own electrical energy requirements; and
  - (F) meets all applicable safety, performance, interconnection, and reliability standards established by the commission, the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the federal Energy Regulatory Commission, and any local governing authorities.
2. Renewable Energy Resource means solar photovoltaic and solar thermal resources, wind resources, hydroelectric resources, geothermal resources, tidal and wave energy resources, recycling resources, hydrogen fuel derived from renewable resources, combined heat and power derived from renewable resources, and biomass resources.



**RIDER TO RETAIL RATES****NET ENERGY METERING FOR  
RENEWABLE ENERGY FACILITIES ("NEM")**  
(Page 3 of 4)

3. Retail Electric Service Rates shall mean Rates 1, 2, 3, 5, 6, 7, 8, 9 (metered), 11, 12, 13, 14, 16, 20, 21, 21A, 22, 23, 24, and 28.
4. Excess energy delivered to the Company shall be defined as energy produced by the customer's renewable energy generating facility that exceeds the energy delivered by the Company during a given time period. This excess energy shall be used to reduce energy delivered and billed by the Company during the current or a future month, as provided in the Rate Per Month section above.
5. The On-Peak and Off-Peak periods shall be defined in the applicable time-of-use rate schedules.

**GENERAL PROVISIONS**

1. To qualify for this rider, the customer must first qualify for and be served on one of the rate schedules as described in the availability section above. The customer must also meet all other qualifications as outlined in the availability section above.
2. All provisions of the applicable rate schedules described above including, but not limited to Billing Demand, Determination of On- and Off-Peak Hours, Adjustment for Fuel Costs, Demand Side Management Component, Pension Costs Component, Storm Damage Component, Sales and Franchise Tax, Payment Terms, and Special Provisions will apply to service supplied under this rider.
3. Customers electing service under this NEM Rider are eligible to remain on the Rider until December 31, 2025, or until such time as the customer elects to terminate service under the Rider, whichever occurs first. The rates set forth here are subject to Commission Order No. 2015-194 in Docket No. 2014-246-E entered under the terms of S.C. Code § 58-40-20(F)(4). Eligibility for this rate will terminate as set forth in Order No. 2015-194. The value of distributed energy resource generation shall be computed using the methodology contained in Commission Order No. 2015-194 in Docket No. 2014-246-E and updated annually coincident in time with the Company's filing in the fuel clause. The value for the period May 2018 – April 2019 is \$0.03264 per kWh.
4. Service on this NEM Rider will be closed to new participants as of January 1, 2021, or after statutory caps described in S.C. Code Ann. § 58-39-130 have been reached, whichever occurs first.
5. When no contract demand level is available for a non-residential customer, connected load as determined by the Company shall be used as a proxy for contract demand when determining the capacity of the electrical generating system.
6. Customers who elect NEM service after January 1, 2021, will receive service in accordance with the NEM tariff in effect at the time at which the customer requests NEM service.
7. Customers served under this rider are not eligible for the Company's Small Power Production, Cogeneration Rate PR-1.
8. The customer must execute an application to interconnect generation and an interconnection agreement prior to receiving service under this rider.
9. The Company will retain ownership of Renewable Energy Credits ("RECs").
10. In the event the Company determines that it is necessary to increase the capacity of facilities beyond those required to serve the Customer's electrical requirement or to install a dedicated transformer or other equipment to protect the safety and adequacy of electric service provided to other customers, the Customer shall pay the estimated cost of the required transformer or other equipment above the estimated cost which Company would otherwise have normally incurred to serve the Customer's electrical requirement, in advance of receiving service under this Rider.

**RIDER TO RETAIL RATES****NET ENERGY METERING FOR  
RENEWABLE ENERGY FACILITIES ("NEM")**  
(Page 4 of 4)**SPECIAL PROVISIONS**

The Company will furnish service in accordance with its standard specifications. Non-standard service will be furnished only when the customer pays the difference in costs between non-standard service and standard service or pays to the Company its normal monthly facility charge based on such difference in costs.

**METERING REQUIREMENTS**

Customer must furnish, install, own, and maintain a meter socket to measure 100% of the Customer's generator output and that is connected on the Customer's side of the delivery point. Company will furnish, install, own, and maintain a generation meter. Company will also furnish, install, own and maintain a bi-directional billing meter to measure the kWh delivered from Company to Customer and to measure kWh received from Customer by Company. The billing meter will be configured for demand and/or time-of-use measurement as required by the applicable rate. All metering shall be at a location that is approved by the Company. At Company's sole option, the generator meter requirement may be waived for customers served under a net metering rider on or before December 31, 2015.

**TERM OF CONTRACT**

Contracts shall be for a period not to exceed the term of the contract under which the customer currently receives electric service. There shall be a separate contract for each meter at each location.

**GENERAL TERMS AND CONDITIONS**

The Company's General Terms and Conditions are incorporated by reference and are part of this rider.